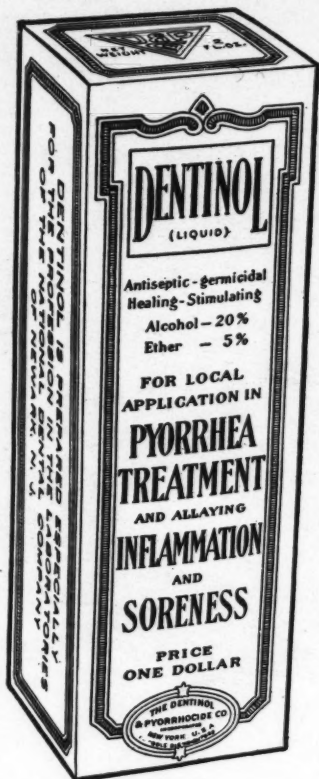


ORAL HYGIENE

Published for
LEE S. SMITH & SON Co.
Pittsburgh, U. S. A.

Whether the pyorrhetic condition is in the early, intermediate or advanced stage, you can depend upon



Dentinol

to do its work rapidly and satisfactorily in reducing soreness and inflammation, and in repairing diseased gum tissue.

DENTINOL is always applied **FULL STRENGTH** because, it is non-toxic and non-caustic. It destroys the germs lining a pyorrhea pocket, without destroying oral tissue.

DENTINOL contains Creosol, Oils of Birch, Camphor, Capsicum, Eucalyptus, Sassafras and Turpentine—Alcohol and Ether.



Use Dentinol

Compare Results

At all Dental Supply Houses

The Dentinol & Pyorrhocide Co., Inc.

Sole Distributors

1480 Broadway

New York

Christmas Greetings



Christmas approaches with its happy days and joyous spirit that envelopes the land. The children's peals of laughter fill the house. We meet you, clasp your hand, look into your face and think of your appreciation, patience and forbearance and these little things bring a glow of warmth to our hearts. It is in this true Christmas spirit we wish you

A Merry Christmas

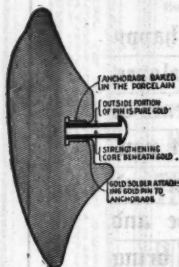
Lee S. Smith & Son Co.

Dental Supplies

Box 759

Pittsburgh, Pa.

Phone ATlantic 5555



EVERY NOW AND THEN a dentist who has had a run of hard luck with his cheap baked-in base-metal pin teeth asks to see a

TWENTIETH CENTURY SOLILA ASSORTMENT

It always interests us to see how a dentist instinctively turns to "T. C." Solila at such times—a rare compliment indeed to the

long, undimmed reputation of Twentieth Century Solila Teeth.

But what interests us still more is: why do so many of you wait until trouble drives you to "T. C." Solila? They are the lowest-priced teeth it is safe to use.

Let us show you a "T. C." Solila Assortment. Like hundreds of others, you will be surprised at their excellence and wide variety of moulds.

Lee S. Smith & Son Co.

Dental Supplies

Box 759

Pittsburgh, Pa.

Phone ATLantic 5555

Abreast of the Time?

—How many dentists follow the latest developments in dentistry? The answer is, "not nearly as many as one would expect."

The careful selection of a number of the magazines listed below will keep you well posted on the latest trends of thought in the dental field.

Where else could you get so much for such a nominal outlay? Check your pet magazines, sign the lines and send this to us.

"Automatic" Order Blank

Please enter my subscription for the following magazines, for 1927—those I've checked—billing at regular subscription prices.

American Dental Surgeon.....	<input type="checkbox"/>
Dental Cosmos.....	<input type="checkbox"/>
Dental Digest.....	<input type="checkbox"/>
Dental Items of Interest.....	<input type="checkbox"/>
Dental Forum—(Journal of Am. Dent. Lab. Assn).....	<input type="checkbox"/>
Gateway to Health.....	<input type="checkbox"/>
Hettinger's Dental News.....	<input type="checkbox"/>
International Journal of Orthodontia, etc.....	<input type="checkbox"/>
Journal of American Dental Ass'n.....	<input type="checkbox"/>
Journal of Dental Research.....	<input type="checkbox"/>
Pacific Dental Gazette.....	<input type="checkbox"/>

Dr.....

Address.....

Lee S. Smith & Son Co.

Dental Supplies

Box 759

Pittsburgh, Pa.

Phone ATlantic 5555



That

December Twenty-Fifth

Nineteen Hundred Twenty-Six

bring to you and yours

complete happiness

is the sincere

wish of

the

J. Johnson Smith Laboratories, Inc.

Monongahela Bank Building

Pittsburgh

Penna.

Send tube of Detoxol for personal trial.

Dr. _____

Street _____

City _____

State _____

My druggist is _____

Address _____

DETOXOL is an effective dentifrice used to encourage systematic application in the mouth of a selective germicidal and 'detoxifying' agent—Sodium Ricinoleate. Towards the *Streptococcus-pneumococcus* group, the Ricinoleate is particularly active, killing in $\frac{1}{2}\%$ solution in one-half minute's time.

The most valuable characteristic of the Ricinoleate, however, is its neutralization of bacterial toxins. Guinea pigs injected with several lethal doses of virulent toxins neutralized with the Ricinoleate are both protected and rendered immune.

Detoxol is suggested as a valuable aid in the prevention and routine treatment of mouth infections generally.

**Merrell's
Detoxol**
FOR
TEETH & GUMS

FOUNDED 1878
THE W. S. MERRELL COMPANY
CINCINNATI U.S.A.





Coming Meetings

December

Testimonial Dinner to Dr. George B. Winter of St. Louis

The St. Louis Dental Society, one of the oldest in this country, will honor Dr. George B. Winter with a testimonial dinner on December 6th in recognition of his research work done on the impacted mandibular third molar. Address communications to J. F. Alcorn, President, Metropolitan Bldg., St. Louis, Mo.

Union County Dental Society, Sixth Annual All Day Mid-Winter Convention, Elks Club Auditorium, Elizabeth, N. J., December 1st, 1926, Dr. Arthur F. Woolfey, Director, 1162 East Jersey St., Elizabeth, N. J.

Nevada State Dental Society, at Reno, December 4th.

Ohio State Dental Society, at Columbus, December 7th.

St. Louis Study Club of Dentistry opened its 1926-1927 term on Wednesday evening, October 6th. Sessions will be held every other week, from eight to ten o'clock, in the dental department of the St. Louis and Washington Universities until April next.

Bulletins description of the Study Club may be had by addressing Dr. F. C. Rodgers, 309 Wall Building, St. Louis.

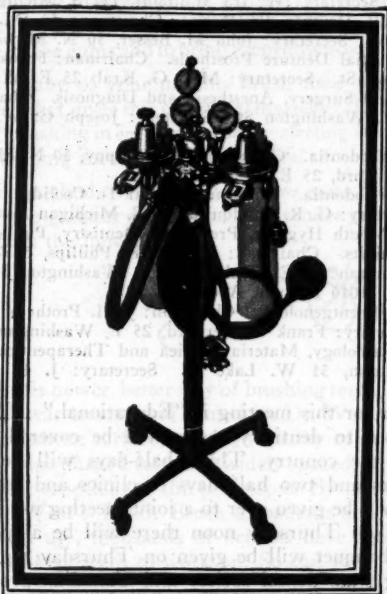
New Jersey State Board of Registration and Examination in Dentistry. Regular five day examination beginning Monday, December 6th, 1926. Dr. J. C. Forsyth, Secretary, 148 W. State St., Trenton, N. J.

The next meeting of the Oklahoma State Board of Dental Examiners will be held in Oklahoma City, December 27th, 1926. Dr. Charles A. Hess, Idabel, Oklahoma, Secretary-Treasurer.

(Continued on page 2252)

because it is accurate

and has every practical device for the elimination of error, the "Heidbrink" Model T is used by experts, and chosen by beginners for quick mastery of anesthesia.



Note the "right-at-hand" control—on top within easy reach . . . the accurate sight-feed indication of dosage always in full view . . . the Selective Emergency Valve that gives absolute **emergency** control by means of a single instantaneous manipulation. Every mechanical device is for **Safety . . . for Efficiency . . . for Successful Anesthesia.**

These are but a few of the exclusive features. Write for our Free Catalog 6 which tells about the others.

The **HEIDBRINK COMPANY**
Minneapolis Minnesota U.S.A.

Coming Meetings

(Continued from page 2250)

January

Chicago Dental Society, Sixty-third Annual Meeting and Clinic, at the Drake Hotel, Chicago, January 26, 27, 28, 1927.

The meeting will again be divided into nine sections as follows:

Section I—Operative Dentistry. Chairman: Robt. E. Blackwell, 104 S. Michigan Ave. Secretary: W. Ira Williams, 122 S. Michigan Ave.

Section II—Full Denture Prosthesis. Chairman: G. M. Hambleton, 29 E. Madison St. Secretary: John M. Besser, 30 N. Michigan Ave.

Section III—Partial Denture Prosthesis. Chairman: Frank H. Vorhees, 25 E. Washington St. Secretary: Milo G. Kral, 25 E. Washington St.

Section IV—Oral Surgery, Anesthesia and Diagnosis. Chairman: C. F. B. Stowell, 25 E. Washington St. Secretary: Joseph G. Wiedder, 25 E. Washington St.

Section V—Orthodontia. Chairman: B. O. Sippy, 30 N. Michigan Ave. Secretary: J. W. Ford, 25 E. Washington St.

Section VI—Periodontia. Chairman: Edgar D. Coolidge, 25 E. Washington St. Secretary: G. R. Lundquist, 104 S. Michigan Ave.

Section VII—Mouth Hygiene, Preventive Dentistry, Public Health and Educational Exhibits. Chairman: Herbert E. Phillips, 5457 S. Ashland Ave. Vice-Chairman: E. E. Graham, 58 E. Washington St. Secretary: Harold S. Smith, 1010 Belmont Ave.

Section VIII—Roentgenology. Chairman: J. H. Prothero, 25 E. Washington St. Secretary: Frank H. Bernard, 25 E. Washington St.

Section IX—Pathology, Materia Medica and Therapeutics. Chairman: Edward H. Hatton, 31 W. Lake St. Secretary: J. R. Blayney, 912 Galt Ave.

The slogan for this meeting is "Educational." All subjects of vital importance to dentistry today will be covered by the best authorities in the country. Three half-days will be devoted to scientific papers and two half days to clinics and lecture clinics. One evening will be given over to a joint meeting with the medical profession and on Thursday noon there will be a special feature luncheon. A banquet will be given on Thursday night, in honor of the visiting state dental society and Canadian province dental society presidents. A preliminary program will appear in the January issue of the Chicago Dental Society *Bulletin* and other dental publications.

Howard C. Miller has charge of exhibits; Stanley Tylman of the clinics; Harris W. McClain, general arrangements; Roy M. Wilson, banquet; Victor H. Fuqua, reception; Frank W. Booth, transportation, and Don M. Gallie, Jr., the ladies' entertainments; Otto U. King, program.

HUGO G. FISHER, *Secretary*.

North Carolina State Board of Dental Examiners. The next regular meeting will be held at Raleigh, beginning promptly at 9 o'clock, January 10th, 1927. For application blanks and further information, address H. O. Lineberger, Secretary, Raleigh, N. C.

THE WES

Please

NAME.....

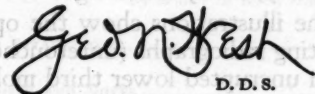
ADDRESS.....

"Does Brushing Help or Harm Your Patients' Gums?"

"Stimulating massage of the gums is one of the greatest benefits from proper tooth brushing. Massage that helps to firm up the gums and to bring them down over the teeth.

"How many of your patients brush their teeth in the one way that gives this beneficial massage? The modern way of brushing in *one direction only*—starting on the gums and sweeping *toward* the biting edges.

"Other methods of brushing *push the gums back*. Thus, one of the greatest services you can render your patients is to teach the newer way."


D. D. S.

FOR this newer, better way of brushing teeth, a special brush was created and named for Dr. West. Its small size, its convex surface, the high quality of its bristles, set in wedge-shaped tufts and widely spaced, have commended it especially to the profession. By recommending Dr. West's Tooth Brush to patients and teaching its correct use, thousands of dentists have found they get better kept teeth to work on. So can you!

FREE—on request, The Western Company will gladly send a brush for demonstration use and a supply of prescription blanks, without charge.

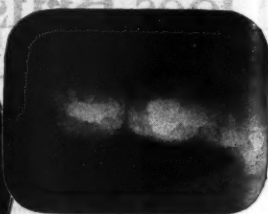
In dozen lots, the adult's size
Dr. West's is \$4.00 per dozen.

THE WESTERN COMPANY, 402 W. Randolph St., Chicago, Ill.

Please send me sample Dr. West's Tooth Brush and supply of prescription blanks, without charge.

NAME _____

ADDRESS _____



The Longer a Dentist Uses a CD X

the more appreciative he becomes of its remarkable flexibility, safety and range.

The illustrations show the operative positions and resulting radiographs (unretouched) of the orientation of an unerupted lower third molar in an adult.

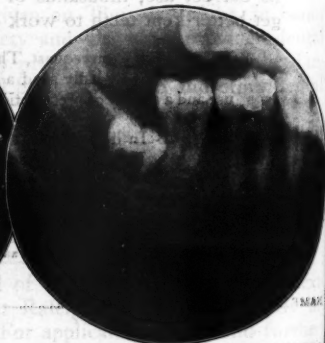
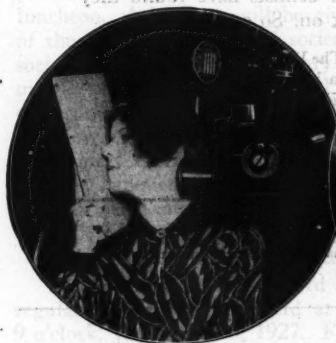
Particular attention is called to the easy relaxed position of the patient as well as the close proximity of the apparatus to the patient—which is not only practical but 100% electrically safe—when a CD X is used.

VICTOR X-RAY CORPORATION

Dental Department

2012 Jackson Boulevard

Chicago



HANG

FLORID.

THE O

BUILDI

RECIPRO

DR. KE

MISSISS

COMBAT

THE R

TELLIN

EDDIE F

EDITORI

LAFFOD

YV

Printe

ORAL HYGIENE

Registered in U. S. Patent Office—Registered Trademark, Great Britain

Contents

December 1926

HANG OUT A SHINGLE AND THE REST IS EASY—YES IT IS.....	2258
By A. J. Amick, D.D.S.	
FLORIDA DENTISTS WORK HEROICALLY IN RELIEF STATIONS.....	2262
By L. M. Anderson	
THE ORAL HYGIENE FLORIDA FUND.....	2264
BUILDING AND LOAN ASSOCIATIONS.....	2265
By Walter S. Kyes, D.D.S.	
RECIPROCITY WINS IN KANSAS STRAW VOTE.....	2268
DR. KELS REPLIES TO DRS. RHEIN AND NOYES.....	2269
MISSISSIPPI'S MOUTH HYGIENE PROGRAM.....	2274
By Gladys Eyrich	
COMBATING TUBERCULOSIS	2280
THE RENAISSANCE OF DENTISTRY.....	2280
By Alonzo Milton Nodine, D.D.S. (N.Y. Univ.), L.D.S.R.C.S. (Eng.)	
TELLING THE PEOPLE ABOUT DENTISTRY.....	2288
EDDIE KELS	2292
By Merwin B. Massol	
EDITORIALS	2294
LAFFODONTIA	2300

Merry Christmas

Copyright, 1926, Rea Proctor McGee

Printed for the Publishers by Herbick & Held Printing Co., Pittsburgh, Pa.

*How would syrup flow
through a sprue hole?*



NO quality is more important for a casting gold than perfect fluidity. This also is a secret of Ney skill in alloying constituent metals. When pressure is applied, Ney Casting Golds flow instantly into the innermost recesses of the pattern chamber, reproducing the most minute details and eliminating the porosity that lurks in alloys that are viscous when molten.



THE J. M. NEY COMPANY
HARTFORD / CONNECTICUT
U. S. A.

ORAL HYGIENE

Registered in U. S. Patent Office—Registered Trademark, Great Britain

FOUNDED 1911

DECEMBER, 1926

VOL. 15, No. 12



THE SEAL OF SAFETY

on your family's health insurance

YOUR family's health is the most important thing in the world to you. Yet you alone cannot protect your family. The organized, community-wide and nation-wide anti-tuberculosis campaign is health insurance to protect you and your family. This organized campaign, financed by the sale of Christmas Seals, has helped to cut the tuberculosis death rate by more than half. Buy Christmas Seals. Buy as many as you can. Seal every holiday letter, every Christmas package, and every Greeting Card with these Seals of Safety, which are your family's health insurance.

THE NATIONAL, STATE AND LOCAL TUBERCULOSIS
ASSOCIATIONS OF THE UNITED STATES

Hang Out a Shingle

By A. J. AMICK, D.D.P.

THREE years ago this spring, if you should have happened to be passing a certain university in the middle west, you would have seen a young man enthusiastically stepping forth from the doors of his Alma Mater with his diploma in one hand, and a state license to practice dentistry, in the other. He was a very proud young man; self-satisfied, and was confident that he knew all there was to know about dentistry, for had he not taken the highest honors of his class?

As he left school, he recalled the wonderful talks given by prominent men of his profession at the several different banquets prior to his graduation. He recalled particularly how one old brother practitioner, in his talk, declared that "dentistry was the tip-top, blue blossomed flower of excellence." Ah, Yes! and he remembered how these same men boasted of the ten, fifteen and even twenty thousand dollar practices that they enjoyed. He even remem-

bered how they would boast of the enormous fees that they received. Twenty dollars was nothing for a simple occlusal foil. They would not consider making plates for less than one hundred and fifty dollars,



Anne Shriber

Right out of dental college, full of pep and theory, he thought he only had to put out his shingle to make good.

ing and the Rest is Easy —Y Is—

CK, DJP City, Nebraska

boast of
they re-
rs was
occlusal
consider
s than
dollars,

There is a large percentage of college graduates who start out in the world under a big mental handicap, which they themselves are to no small degree responsible for.

They are often under the impression that their education is complete, that the busy world will receive them with open arms and the road will be easy.

There will be those who will sense something amiss and adjust themselves quickly, realizing that their college training provided a splendid foundation and ground work, but that they must learn how to apply this knowledge in the practical world.

There will be some that will not be able to adjust themselves so quickly and others that perhaps never will.

and the thing that he remembered most of all was that their patients always expected to pay cash and never complained about the fees.

As he walked hurriedly away from the college, he kept congratulating himself that he had taken up dentistry as his chosen profession. He breathed a deep sigh of relief, for he now thought that all his troubles were over and he would soon be repaid for the time and money he had spent acquiring a dental education.

Three months later we find this same young man practicing his chosen profession in a coun-

try town of about two thousand population. He had purchased a well established practice from a dentist who had been attracted by the golden opportunities in California.

As we watch the young doctor going about his duties in his office, we cannot help but notice that there has been a decided change since we saw him leaving his Alma Mater that morning a few months previous. He no longer has that enthused, self-satisfied and self-confident air that was so markedly pronounced as he walked away from the doors of the dental college. We wonder what dread-

ful calamity could have happened to have wrought such a change in so short a time.

As we sit there pondering, we overhear him talking to the patient he has in the chair. He is explaining to his patient that he can put in an amalgam restoration which will enable the diseased tooth to return to its normal efficiency in mastication. Upon being asked by his patient as to his fee for such a service, he hesitatingly stammers that his fee is two dollars, whereupon we immediately hear the patient exclaim in an indignant voice that she has been to Dr. X—, and that he offered to insert the same filling for one dollar. Our young dentist friend attempts to explain that there is a difference between plugging up a cavity with silver and scientifically restoring the contour and normal function of a decayed tooth, with an amalgam restoration. But with no avail. The patient indignantly leaves his office to go to his competitor who promised to fill the decayed tooth for one dollar.

The next case is a patient for a full upper and lower extraction. As our dentist friend goes about the office, making the necessary preparations prior to extracting the teeth, he wonders to himself why they did not give him more of a practical course in nerve blocking, when he was at college, instead of so much theory; for as he looks back, he realize that all the time that he was in college, he did not have the opportunity to give a man-

dibular injection for extractions. He also tries to reason why they did not give more of a practical course in general anesthesia, such as nitrous oxide and oxygen, instead of so much minor theory which he, as yet, has never brought to use in his practice. He wonders why he was never permitted to touch a gas machine until he bought one of his own.

Summing everything up, he discovers that he has spent five years in college, during which time he has accumulated a wonderful amount of theory. He can make ideal cavity preparations and insert beautiful gold foils, but in other branches of his profession, he is lacking.

In college, he learned all there was to know about materia medica, as far as theory was concerned, but when it came to putting it to a practical use, he was up against it. I remember being in his office when he had to call in his professional brother, the M.D., to administer a hypodermic injection of morphine to a patient, prior to giving a general anesthetic.

During his college course, it was considered against the rules of good dentistry to devitalize and fill root canals. Now, as he reads the current dental literature, he finds that the pendulum is again swinging back, and prominent men in his profession are advocating the filling of root canals in certain devitalized teeth. He again realizes that during his entire college course, he never devitalized and

filled
fact,
is be
ize
abou
he l
Mat
saw

At
find
gling
ing c
to co
for t
dered
those
tists,
addre
decla

N
China
in tha
accor
the Y
ton an
distur
as "Y

Th
woma
Farna

Tu
dentist
and C
Stambo
grees in

filled the canals of a tooth. In fact, our young dentist friend is beginning to awake and realize that he knew very little about practical dentistry when he left the doors of his Alma Mater that morning we first saw him.

At the end of the month, we find our young dentist struggling over his books. He is sending out statements, attempting to collect the money due him for the services that he has rendered. He cannot help but envy those successful brother dentists, who, in their wonderful addresses at the school banquets, declared that their patients paid

the enormous fees without questioning.

At the end of the year, our young friend finds that by staying strictly to his office, he has managed to obtain an income of only modest proportions. He cannot help but wonder how those same successful brothers of his can find time to take the afternoon off for a game of golf, attend and take active part in all school banquets and yet maintain that they are able to enjoy such handsome incomes.

Summing it all up, he is beginning to doubt if dentistry is "The tip-top, blue blossom flower of excellence."

Chiang's Tooth

New Haven—Because a Yale dental expert at the Yale in China extracted an aching tooth for General Chiang, the college in that war-ridden country is receiving ample military protection, according to a statement made by President Edward H. Hume in the *Yale Alumni Weekly*. He states that the advance of the Canton army on its drive through the Hunan province has not caused disturbance to either the academic or the medical work at "Yali" as "Yale in China" is termed.

The tooth extraction was directed by an attractive young woman, Dr. Louise Farnam, daughter of Professor Henry M. Farnam of Yale.

First Women Dentists

Turkish women have for the first time entered the fields of dentistry and chemistry. Turkey's first women dentists, Gourro and Chadie Hanoums, have just received their diplomas from the Stamboull School of Dentistry, and four women have received degrees in chemistry from the University of Constantinople.



Florida Dentists Worked Heroically in Relief Stations

By L. M. ANDERSON, Tampa, Florida

BELIEVING that the rest of the dental world would like to have a little news direct from the scene of the recent breeze in Florida, I am writing to you that it may be broadcast through the pages of ORAL HYGIENE.

You know that when Florida does anything, it is done in a big way, including storms and hurricanes. Our weather had been a little too warm, so we called upon our weather man for a double supply of the famous Florida breezes, about

which you have heard tell, but this weather man got his orders mixed and pulled a stunt like we have done a few times in our career "filling an order from every one of our houses"; the result—"lot of goods to be returned for credit." But this weather man won't take back his storm and give us credit; we have to pay for the goods. What all this means is that we had *some breeze*.

There are one hundred and eighteen dental offices in the hurricane path (did I say *are*? I meant *were*) and to all those



This picture taken by Mr. Anderson of Tampa, Florida, shows a dental office in the path of the terrible havoc wrought by the hurricane.

who know about a hurricane from reading only, let me say that its staying powers are one of its chief virtues.

This particular hurricane began to make itself felt Friday evening, September 17th, and continued with ever-increasing force until Saturday morning about six, when it stopped abruptly (to catch its breath, I suppose) for about one hour; then turned and came back with a fury that cannot be described and blew until two Saturday afternoon.

It was this awful come-back that crumpled houses like paper and took a terrible toll of life.

Dentists suffered along with the rest, and the profession should be proud of its members in this territory. They were among the first at the relief stations ministering to the injured along with every doctor in the territory, and it was by their help that the injured were cared for as promptly as they were. They also made charts of the mouths of unidentified dead for future identification. They then turned to survey their own personal damage. If you can imagine what a dental office looked like after being treated to a shower of flying glass, bricks, timber, water, etc., you begin to get a picture of what these men found their offices to be. I don't mean every office, of course, but mighty few got away without some damage, some being entirely wrecked. Look at this one!

I am sorry I could not get a

picture of the office when I first saw it, but I didn't have my kodak with me then. The chair had fallen down to the second floor and the unit was hanging out in the open air, being held in by the plumbing pipes only. We were so very busy salvaging and rehabilitating equipment that I didn't have a chance to get any pictures until just before I left, and by that time a great deal of the debris had already been cleaned up.

Be is said to the everlasting credit of the dental manufacturers that the units, engines, etc., after being dried out, with few exceptions, ran as well as ever.

After every great disaster the people are dazed at first, but the way they have "snapped out of it" and gone to work, shows that the spirit was bent but not broken. Downtown Miami at this writing, October 7th, is all cleaned up, and they have water and gas in the pipes, and the lights are burning. The suburbs are rapidly removing wrecked homes, new ones are rising, and others are being repaired, and this applies to the whole territory from Ft. Lauderdale on the north to Florida City on the south. In other words, the whole territory is staging a tremendous comeback with a speed and energy that commands the deepest respect.

The many messages of sympathy and offers of help from throughout the country were re-

ceived with gratitude, and this alone has spurred our people to efforts of rebuilding.

The destruction was great, but the spirit primed by your

messages of sympathy and encouragement is greater. Miami and the entire storm area are coming back and coming back strong!"

The Oral Hygiene Florida Fund

At this writing \$750.50 has been turned over by ORAL HYGIENE to the Florida State Dental Society.

In addition to the contributors reported in the previous issue the following contributions are announced:

Dr. F. R. Burnham, Lake Village, Ark.....	\$ 1.00
National Capitol Dental Society.....	25.00
Dr. C. E. Robinson, Antwerp, N. Y.....	2.00
Anonymous donors.....	10.00
Dr. F. H. Johnston, Florence, Ala.....	5.00
Dentists Pyorrhea Ass'n., Los Angeles, Cal....	25.00
Harmeyer & Brand, Cincinnati, Ohio.....	25.00
John Hood Company, Boston, Mass.....	31.00
Climax Dental Supply Co., Inc., Philadelphia..	25.00
Dr. A. C. Edwards, Milwaukee, Wis.....	1.00
Dr. W. H. Burdick, Little Genesee, N. Y.....	2.00
Dr. C. C. Coffee, Minneapolis, Minn.....	10.00
District of Columbia Dental Society.....	100.00
Subscriptions collected at meeting of District of Columbia Dental Society meeting.....	86.00
Dr. L. C. Hay, Scottsbluff, Nebraska.....	5.00
Dr. Erwin Henselmèir, Los Angeles, Cal.....	5.00
Dr. H. T. Craig, San Francisco, Cal.....	2.50
Indiana State Dental Association.....	100.00
Dr. W. S. Armstrong, San Diego, Cal.....	5.00

Many dental manufacturers contributed via the Red Cross previous to the announcement of the ORAL HYGIENE Florida Fund. The Ritter Dental Manufacturing Company, Rochester, N. Y., donated generously, not only to the Red Cross fund but in directly aiding stricken members of the dental profession.

and en-
Miami
area are
ing back



Building and Loan Associations

By WALTER S. KYES, D.D.S., San Diego, Cal.

IHAVE read with interest Dr. Bernard Feldman's article in the May 1926 number of ORAL HYGIENE, which purports to answer F. C. D.'s pertinent and timely article, "What of Your Old Age?"

In the beginning I wish to state that Dr. Feldman is no doubt sincere in his belief in the value and soundness, on the whole, of what he terms the "New Jersey plan." I am of the opinion, though, that the Doctor has become altogether too enthusiastic when he invites dentists to become members of his or any other association of the sort on the grounds that it will insure to them a "sure" and "comfortable" future.

Especially do I object to the word "sure" in connection with any sort of an investment. Furthermore, I wish to state that I would no more turn over my savings to Dr. Feldman's company than I would to the dentist across the hall whom I have known for years and whose honesty I have never once questioned, without first making a personal and searching investigation of the interests they sought to

promote, and for this reason: I do not know how little or how much actual knowledge either of them might possess regarding the worth, the fitness or the honesty of purpose of the men who now, or who will, eventually, control the organization. Such knowledge is vital to the man or the woman who is seeking to invest his or her savings.

I hope that I shall not be misunderstood when I say that a mere acquiescence to an invitation to "mail your check" or "sign on the dotted line" received from anyone, without first making such searching investigation has already resulted in a tremendous loss to the dental profession, and is nothing more nor less than the acme of poor business methods.

Just as the value of field artillery is determined by the skill and the loyalty of the men behind the guns, so is the success of building and loan associations determined by the men who control them, and to the dentist seeking an investment, the mere information contained in a brochure is practically valueless.

Building and loan associations are, briefly, usually incorporated

joint-stock companies, their original aim being to aid their members and others, to build homes, the capital being subscribed by the organizers and other stockholders. They have as a rule, *when properly managed*, been productive of good earnings for the stockholders, have encouraged thrift, have promoted the saving habit among persons who were not prone to save otherwise, and have enabled persons of small means to own their own homes eventually.

Such associations have in fact been one of our outstanding financial organizations for many years past, and catering, as they have, to the man of little means, they have served a most useful purpose. They are governed by state laws and are subjected to periodical examinations by state officials.

Still, for all of this, when viewed from the standpoint of a safe investment, they are not infallible, nor can they, by any stretch of the imagination, be recommended as safe, sane, sure, or productive of old-age comforts.

In his zeal for the "New Jersey plan," and his desire to promote thrift among his fellow practitioners, Dr. Feldman has, it would appear, overlooked any possible or probable chance of loss to investors in such securities. If he had given the subject the thought and the consideration to which it is entitled, the writer feels certain that he would not have made use of such convincing terms.

Granting that the "New Jersey plan" is all that it is purported to be and that the men who control its destinies "at no pay" (a condition which cannot long continue providing the organization ever attains to any proportions) are all that they should be, the fact remains that at any time the directorate may change, which incident alone might give the organization an altogether different face from the standpoint of a safe investment. Just how much a change in the directorate of a concern may influence the safety of an investment has been rather forcefully brought to the attention of the writer through an incident of which I will make use further to elucidate my point.

In a certain western city a building and loan association was organized. Its beginning was a tremendous success. The board of directors was made up of men for the most part of unquestionable integrity and of wide business experience. They were men of wide influence who would naturally draw from their friends and associates a tremendous patronage.

To illustrate concretely what is meant by patronage, I will point out that one of the directors was a high official in the city's public schools, and it was said that fifty per cent of the teachers in the schools, relying on his integrity and acumen, purchased stock in the concern with their savings. In fact a survey in the directorate indicated in their selection the

workings of a master mind. The association was of course under rigid state control and the stock was guaranteed to pay seven per cent.

Finally, due to alleged speculations, it was said, in other organizations which were controlled by the same crowd, the association got in bad repute and to save a heavy loss to the holders of its stock it was taken over by another company which hopes, eventually, to make it pay out. In the investigation which followed it was revealed that a year or two before the trouble came, the original board of directors had resigned, and other men, who were probably more subservient to the power behind the throne, had been elected in their stead.

So far as the writer knows, this incident of the resignation of the directors was never announced in the press but their election to the directorate had been widely heralded for reasons which are obvious. All this time the gullible public had apparently no knowledge that the directorate had been changed and business with the concern continued to thrive. So much for "state control," and "safe" and "sane" and "sure."

Mr. William A. McGarry, writing in the *Dearborn Independent*, of March 13th, in an article entitled "Some Building and Loan Pitfalls," discusses at length the possibilities of the misuse of funds in such organizations. He states that there are nine million stock-holders

in such organizations in this country. He warns investors that a stockholder is not only responsible for the debts of the company, but is liable, personally, for the acts of the board of directors.

His article deals particularly with conditions existing in building and loan associations in the city of Philadelphia where it is stated that seventeen such organizations were wrecked. "The fact is," he says, "that most of the wrecked companies were deliberately organized for speculative and more sinister purposes of the men (twelve of them) who are now in jail."

It is a fascinating and educational article to the person who contemplates investing his savings in such a concern and is well worth reading, emphasizing as it does the "pitfalls" which await the unwary.

It is not the purpose of this article to advise anyone how he should invest his savings. Such advice, in the opinion of the writer, is obviously dangerous, and it is a strange circumstance that distant fields almost always are made to look the most alluring. However home securities offer as good opportunities for investment as do those in more distant places, and besides they give the investor an opportunity to study conditions, demands, and men, which is most vital when we intrust our money to others for their handling.

No organization is one whit safer or more successful than

the men who control its destinies.

If those in control prove to be as crooked as they appear to have been in the article above referred to, no state law can make them straight until at least a part of their ends have been accomplished, and the members of the dental profession should have long ago outgrown the habit of sending their checks for investment, upon the request of anyone.

Without casting any reflections upon the "New Jersey plan" or questioning the honesty of purpose which impelled Dr. Feldman to present his case, the writer feels that in view of certain knowledge which he possesses, it is his opinion that building and loan associations are at this time being rather widely, and in some instances, *wildly* promoted, for the benefit of the promoters.

Reciprocity Wins in Kansas Straw-Vote

Editor ORAL HYGIENE:

In a recent straw vote taken of the dentists in Kansas by H. M. Steever, D.D.S., and Lloyd Hill, D.D.S., Kansas goes over the top strong in favor of reciprocity.

Early 1925 dental registry shows Kansas to have about 1,050 dentists.

Below is the final result:

Out of 825 ballots returned:

822 For Reciprocity.

3 Against Reciprocity.

We believe this to be the first straw vote ever taken in the United States regarding this great question, and we wish to thank the dentists of Kansas for the interest taken, and for the many kind letters and notes received. We have been well paid for our effort.

H. M. STEEVER, D.D.S.
LLOYD HILL, D.D.S.

Goodland, Kansas.

phylac
with l
back a
double
in the
GIENE.
Dentis
As
me for
beginn
Atlant
to sper
the Co
gining
"old I
vance
for Se
"name
and be
would

*Sept
1659.



Dr. Kells Replies to Drs. Rhein and Noyes

"This world would be tiresome;
we'd all get the blues
If all the folks in it held just the
same views;
So finish your work; show the best
of your skill,
Some folks won't like it, but other
folks will."



OSH! What next I wonder! Some men are satisfied with *preventive dentistry*, others with *prophylactic dentistry*, but not so with Brother Rhein. He comes back at me in a kind of "mixed doubles" (as they say in tennis), in the September ORAL HYGIENE. *Preventive Prophylactic Dentistry is his!**

As no one had "picked on" me for a month or two, I was beginning to breathe easier in Atlantic City where I had gone to spend a couple of weeks after the Congress, and was just beginning to have a nice time when "old Mass" gives me an advance copy of ORAL HYGIENE for September, and then my "name was mud," because "lo and beholes!" as Uncle Remus would say, there was Brother

Rhein, "big as life and twice as natural," "picking on" me.

And Brother Rhein, of all men! What a rude awakening from my pleasant dreams, for you know when Brother Rhein gets after you, it is "good night."

Brother Rhein jumps into the ring and onto me with both feet, but am I sorry? Not a bit of it, in fact I am quite glad, and now I'll tell you why.

You see, no one had ever been able to produce for me "a concrete example of preventive dentistry" that was not pure unadulterated dentistry itself, twenty-four karat fine and as practiced since the year one. So as long as no one could do this, I still contended that there was "no such animal" as preventive dentistry.

Now it is different. Brother Rhein has, much to my surprise, positively produced for me a "concrete example of preventive

*September 1926 ORAL HYGIENE, Page 1659.

dentistry," which certainly is *not real dentistry*; all right. It is not even near-dentistry. It is removed about a million miles from dentistry as you shall see. Yes, Dr. Rhein has settled this vexed question not only for me, but for all peoples and for all time and I'll bet that Brother McGill and Sister Jordon will be mighty thankful for his coming to their rescue, as they could not furnish the examples, hard as they did try.

Some folks might question Brother Rhein's findings in the case, but I suppose he knows, so we will have to change our preconceived ideas upon the subject and accept his, and thus have the question settled. But it does come hard. Dr. Rhein says:

My definition of preventive dentistry would be the employment of any means which *insures* (italics mine) a healthy mouth with healthy teeth . . . A proper understanding and carrying out of pre-natal diet by the mother can truly be said to be the *great foundation of preventive dentistry*. (Italics mine.)

There you have it. Could anything be clearer? "Any means which insures a healthy mouth with healthy teeth is preventive dentistry."

Prescribing this diet is practicing preventive dentistry! Ye Gods and little fishes! What next I wonder!

Thus we have learned from Brother Rhein that the *mother alone* is responsible for the condition of the new-born babe.

This is new, to me at least, because up to this moment I

had always been under the illusion that the state of the health, mental condition, etc., of the *father* had a very great deal to do with the condition of the child.

It "sure is" good to learn that upon the very "foundation of preventive dentistry" alone—that is (according to Brother Rhein) the *diet of the mother*—the condition of the child depends.

Both the father and the mother may be syphilitic to the Nth degree; they may both be in the last stages of tuberculosis; just feed the woman correctly, and the child will be *insured* gooth teeth. Surely that's something worth knowing.

However, when Brother Rhein tells us so clearly just exactly what preventive dentistry is, he steers us right out into the rapids and wrecks us on the rocks.

Prescribing a pre-natal diet for the mother, the "foundation of preventive dentistry" is absolutely without the province of the dentist. This diet can only be prescribed by her physician; never by her dentist, and each woman becomes a law unto herself, as far as diet is concerned, and a law that no dentist is in a position to interpret.

Her dentist has no more right to prescribe this diet (of which he can not possibly know anything) than the physician has of looking into her mouth and advising he *just what dental work she must have done*. The cases are absolutely analagous.

The about know A preven discover practi

Bro the vo he is dentist inform

roduc tic" n adjecti remark this la urally that w

Poss Rhein

father ry," b that P of the Colleg

knew v "Pro of De

prevent way ba

some y ever s

educati

I do

McLai

was be

Rhein c

"Prop

al Decay before T

in 1870. Register.

Reportember 1

his remar Published May

My au riam Com ster Dicti

The dentist knows nothing about the diet, the physician knows nothing about the teeth.

And so we have learned what preventive dentistry is, only to discover that no dentist can practice it.

Brother Rhein starts out with the voluntary information that he is the "father of preventive dentistry," and also straightway informs us that he, in 1882, introduced the word "prophylactic" not as a noun but as an adjective. Those sure are some remarkable claims coming at this late day and one would naturally ask, "How did he get that way?"

Possibly our good friend Rhein means that he is the *step-father* of "Preventive Dentistry," because *he should know* that Professor Andrew McLain of the New Orleans Dental College (and whom I, as a boy, knew very well) wrote a paper—"Prophylaxis or Prevention of Dental Decay,"† (that is preventive dentistry of course) way back in 1870, undoubtedly some years before Dr. Rhein ever started upon his dental education.

I do not recall just when Dr. McLain died, but probably it was before 1882, and thus Dr. Rhein could easily have become

the step-father of Dr. McLain's progeny. Now that takes care of "preventive dentistry" and its ancestors—with an accent on the *ors*.

Then, as I said before, in the same breath friend Rhein said: "In 1882 I introduced the word 'prophylactic' not as a noun but as an adjective." One would naturally ask Dr. Rhein, "To whom, in the year 1882, did you introduce this word?" Surely not to the dental profession, because the dental profession and this adjective had been on speaking terms ever since 1871 (or eleven years before), when Dr. Robert Arthur wrote of the "Prophylactic Measures for Prevention of Decay."‡ (And this adjective, if you must know, was introduced into medical literature in 1574).§ Therefore it is that we naturally ask to whom Dr. Rhein introduced that word in 1882.

In the same paragraph we read: "The word" (*prophylactic* he is talking about) "first saw the light of a printed page in my article . . . published in 1884." Again I say: Where did Brother Rhein get that big idea? I have shown that Dr. Arthur had used it in 1871, and it was not new to Dr. Arthur, having been used, as I have also shown, since 1574.

I often thank my stars that I have such a "lovable" disposition, as Brother Rhein recognizes, and so when I become an easy mark for those who like to "pick on me," I don't mind it at all. Some fellows with dispo-

†"Prophylaxis or Prevention of Dental Decay," by Andrew McLain, read before The Southern Dental Association in 1870. Published in *The Dental Register*.

‡Report of Ohio Dental Society, December 1871, wherein Dr. J. Taft, in his remarks, reports Dr. Arthur's work. Published in *Dental Office and Laboratory*, May, 1872.

§My authority for this is: The Merriam Company, publishers of the Webster Dictionary.

sitions not so "lovable" would get mad and would try to make it hot for his critics, *but not so with me*, I am just too good natured for anything.

So now, having been convinced by Brother Rhein that feeding the mother is preventive dentistry, and as feeding the

mother is outside of my line, I am at last through with preventive dentistry (and I'll bet everybody is glad). Still I think it was rather interesting while it lasted.

Preventive Dentistry—

Requiescent en pace—as they "say it with tombstones."

Dr. Kells' Reply to Dr. Noyes



O, my good friend Noyes, I did not write "Facts and Fancies"* with the "apparent purpose to discredit the doctrine of 'Extension for Prevention,'" nor was its *real* purpose to *discredit* the doctrine of extension for prevention either. I regret that my article was not sufficiently clear as to its purpose.

My *real purpose* was to call the attention of the profession in general, and the younger men in particular, to the fact that *modern fillings*, as inserted upon the Black theories, are not, as a rule, a success, and you, Dr. Noyes, in your criticism of my paper, have but unconsciously helped my argument.

You state the very crux of the argument when you say: "No man should extend a cavity for prevention unless he can make a good operation, for a bad operation will only extend the area of liability." I agree with you to a dot.

You thus naturally divide our operators into three groups.

Group 1. These members are few and far between. It includes men like yourself who *can* make a "good operation."

Group 2. The predominating class. These men *cannot* make a "good operation" of complex cavities, but, unfortunately, *do not recognize their limitations.*

Group 3. A smaller group to which I belong. We cannot make a perfectly "good operation" of these extensive cavities, and *we recognize that fact and don't try.*

Thus you see that you, yourself, have explained to us just exactly why modern complex inlays are, as I said, not a success.

To quote again from your criticism: "The greatest trouble with the dental profession is that too many men are unwilling or unable to make good operations."

Again I agree absolutely with you, my good friend, but when it comes to the *completed unsatisfactory filling*, it really does not make much difference to the patient, who suffers therefrom, whether the dentist was "un-

*ORAL HYGIENE, July 1926, page 1259.

willin
is the
Aga
filling
not a
the th
is the
the op
conten

I w
look ov
during
the num
who h
clusal
molars
lines)
when
years o
still g
Will yo
and w
find?

On
such te
tively
eight or
dition n

Of c
for one
Dr. Cus
tions, b

As t
death o
Denver
issue.

willing or unable"—the result is the same—and there you are.

Again you explain why these fillings of which I complain are not a success. You see it is not the theory which is at fault, it is the conditions obtaining and the operators—that's what I contend.

I would ask my readers to look over their patients who call during the next month and note the number of "thirty-year olds" who had the proximal and occlusal surfaces of their first molars cut out (upon the Black lines) and filled with gold, when they were eight or ten years old, and find these fillings *still good and going strong*. Will you do this "dear readers," and write me how many you find?

On the other hand, look at such teeth that were conservatively treated at the age of eight or ten, and note their condition now.

Of course it would not do for one like myself to criticise Dr. Cushing's examination questions, but we all know that his

very first premise is wrong. Under some circumstances, we *now know* that it is not always necessary to remove all decay from a cavity, provided of course the layer of decay left in is properly taken care of by a suitable capping material over which the amalgam or gold is placed.

Taking it all in all, it would seem to me that, as I said before, with all the limitations you, Dr. Noyes, have placed upon the operation of *extension for prevention*, you have rather helped my side of the cause than otherwise, and so I thank you for your assistance. We need all the good men we can get to combat this theory and overcome this deplorable fact that "too many men are unwilling or unable to make good operations," and don't forget that the "long suit" of these men of which you speak is working along the lines of *extension for prevention*.

I thank you, Dr. Noyes, for your assistance in my argument.

Dr. Smedley Passes

As this Oral Hygiene goes to press, news comes of the death on October 28th of Dr. William P. Smedley, of Denver, a tribute to whom appeared in the November issue.





Mississippi's Mouth Hygiene Program

By GLADYS EYRICH

State Supervisor, Mouth Hygiene, Tupelo, Miss.

IT IS with some trepidation that I attempt to speak to you: I, a lay worker.

There are two facts that give me courage. The first is that thirteen years' work along health lines, among public school children has given me a growing knowledge of their needs. The second is, that unless the physicians of the state have a sympathetic understanding of the aims of the Mouth Hygiene Program, together with a conviction that the sowing of seed in this particular field is peculiarly their job, then the harvest of good mouths in Mississippi must remain a meager one.

Quoting in part from an article recently published:

"The mission of our program is to spread the gospel of mouth hygiene among the public. Their knowledge is limited and their indifference is unlimited. Their ignorance and inertia on the subject undermine and greatly impair their life, health and happiness. The ultimate goal is a state peopled with men and women possessing sound teeth of their own all their lives long.

When we realize that most human ailments originate from and are directly traceable to ignorance of mouth hygiene and dental prophylaxis; when we realize that a great majority of our children are doomed to a life of plates, bridges and other artificial substitutes for Nature's gift of pearly, white, healthy teeth, due to ignorance of the proper bone-building foods for expectant mothers; when we realize that during the period of one year, only 40 million toothbrushes are bought by over 110 million people—then we know that our program merits the support of every intelligent man and woman, and surely every physician, in order to bring about its realization."

Our Plan

This program is educational. Since it is easier to educate the child than the adult, emphasis is placed upon the child's mouth. Three objectives in Mississippi mouth hygiene are:

1. To save the teeth of children now.
2. To establish the habit of clean teeth in children.
3. To build a more desirable kind of teeth.

1.
dren
tal e
and
Thes
volun
and
with
up le
sion a
or he
per c
on, th
teache
Du
have
ed 2,
white
26,00
numb
dental
is this
severa
seven
been c
years,
tion is
percen
crease
an ex
Natch
this C
crease
mouth
In
examin
twelve
two g
school
schools
ages b
the hig
not ne
year in
the lov
cent a

1. To save the teeth of children now, we have yearly dental examinations in the schools, and follow-up corrective work. These examinations are made by volunteer work of the dentists and health units co-operating with the schools. The follow-up letters furnished by the division are sent out by the teachers or health unit and where 100 per cent campaigns are carried on, the credit is usually due the teachers.

During this school term there have been examined and reported 2,000 negroes and 24,000 white children, making a total, 26,000, examined, of which number 30 per cent needed no dental attention. The percentage is this large, due to the fact that several places in the twenty-seven counties reporting have been doing this dental work for years, and where this examination is persistently followed the percentage of good mouths increases each year; for instance, an examination was made in Natchez last April and another this October, showing an increase of 23 per cent good mouths.

In Jackson when the dental examination was made about twelve years ago, there were two good mouths in the largest school. Five years ago, five schools were examined, the averages being 12, 14, 25, 36, and the highest 50 per cent who did not need dental attention. This year in seven schools in Jackson the lowest average was fifty per cent and the highest was a

school of 426 pupils who did not need a dental examination because by the tenth of October, each one of them held a dental certificate. For two years this school has made this record.

A new educational factor entered the Mouth Hygiene field a few years ago in the profession of the Dental Hygienist. The hygienist has special training at one of ten schools in the United States, preparing her to supplement the dentist's work much as the nurse supplements the physician's. She is trained to do prophylactic work, to teach nutrition as related to teeth and to teach the general care of the mouth. We have at present four employed in the state: two in the schools of Laurel, one in McComb, and one with the Hinds County Health Unit. The Division of Mouth Hygiene looks forward to a time when there will be one associated with every health unit in the state.

2. To establish the habit of clean teeth in children, we use charts, stars and other devices for checking the morning and night brushing daily. Each one of the stars on our chart represents one brushing, a shield is placed to indicate fourteen brushings during the week, and a flag to show 60 brushings during the month. Of course, if the children are to brush their teeth, then we must make it possible for them to get a good, cheap brush.

The Metropolitan Life Insurance Company has done that for

us, and these brushes having the three desirable qualities of a good brush are sold through the Division of Mouth Hygiene for ten cents each, no one receiving a profit. The three desirable qualities are: a small brush, with the bristles in clumps that are far apart so that it may be more easily cleansed and with a saw-shaped edge which will the more readily go down in the spaces between the teeth.

3. To build a more desirable kind of teeth is the most important and the hardest objective. I need not mention to you that it must be done through the proper diet of mothers and children. In talks to children a poster has been used in a way which encourages them to bring out the facts stated thereon, adding to them from their own knowledge. Most of the children know that milk, vegetables, fruit, eggs and cereals are the foods which they should eat, and they learn that "all the foods that grow in the ground, make bones and teeth that are hard and sound." For mothers, twenty thousand little folders have been distributed this fall and the *Parent-Teacher Magazine* is assisting monthly by carrying short, easily read paragraphs, this one appearing in the next issue:

Teaching Children to Eat Wholesome Foods*

1. Begin from babyhood to cultivate a taste for important foods.

*Quoted from "Health" by Hoffman & Covington.

2. Parents must eat cheerfully all foods that the child should have.

3. Never talk of food dislikes; children will imitate those dislikes.

4. Serve only palatable, fresh, and properly cooked foods.

5. Give a new food as one that the child is now big enough to have.

6. Keep diet simple; few sweets; few foods of too distinctive flavor.

7. Use authority if necessary. But, the development of a real liking by the other six methods is far better.

A notional appetite can be more easily corrected in a nutrition class.

Absolutely Avoid

Pies and rich pastry.

Excess of candy and sweets.

Excessive use of condiments.

All fried foods.

Pancakes.

Tea and coffee.

These Are a Positive Detriment to the Health

But, doctors, this is the part of the Mouth Hygiene program of which I spoke when I said that unless you will give your aid, that program must always be crippled. This is your field. You have the care of the expectant mother and you also have charge of the child at least five years before the dentist and teacher can reach him. Not only is this true, but you have the respectful and attentive ear of many people to whom your

word is the law and the gospel.

To kill a health idea among those families you attend, it is only necessary that you scoff. So, I say to you in all seriousness, that you, and not the forty-two dentists in these eleven counties, are responsible for the teeth of the people in your communities. Unless you will explain to the expectant mother that her child's teeth are formed from the foods she eats, and that unless she eats bone building foods in sufficient quantities, and stress what these bone-building foods are, that her child and her body will suffer in consequence, the efforts of the Division in this direction are lost.

How to Help

That these efforts may be fruitful, I am asking of you, as leading citizens and as authorities on health, to do the following things:

1. Not only to preach clean mouths, but to practice what you preach by being yourselves very punctilious about the character and care of your tooth-brush, brushing your teeth always after eating and seeing that the members of your family do likewise.

2. That you unfailingly instruct each expectant mother and mothers of small children at each visit in office or home, in regard to the importance of milk, vegetables, fruits and cereals in the diet of mother and child, and see that your table holds these foods, excluding tea and coffee from the child's diet.

3. That you see that the members of your family have a yearly physical examination and a semi-annual dental examination, including the child of two, and advise these preventive measures among the families for whose health you are responsible.

4. And last, that you, as co-workers, recognize the new ideal in the allied profession of dentistry—that ideal which seeks to build teeth that are so strong and so sound that they cannot decay. That recognizing this ideal, you hold a sympathetic attitude towards dental examinations in schools, supporting them by advising parents to care for the child's deciduous teeth as well as the permanent ones and always each year sending your child to school on the opening day with a dental certificate.

I mention these things because physicians are busy men, and seem to work on the assumption that their families do not need the physical inspection and follow-up for which other families pay. In Jackson last year, out of 2200 school children 22 failed to get their dental certificates. One was a moron, several were country children who went back and forth on the bus and there never seemed time to get them to the dentist's office, and several were afraid and stubborn. In this class there was a prominent physician's son—the only child in his room the entire year who did not have his dental work done. His father told me that the boy's

mother couldn't control him and *he might* take him sometime.

Example for Other States

So, as in every other program, the matter comes back finally to the individual. As broadly educated professional leaders, yours is the greater opportunity and responsibility and I ask you to lend your support to the Mississippi Mouth Hygiene program which, because of its economy of operation, enlistment of volunteer workers, and 100 per cent correction of dental defects is known the country over and incorporated into the programs of Pennsylvania and Minnesota and Atlanta. Give the Division your constructive suggestions and your aid in the

field. Help *our* Mouth Hygiene Program—yours and mine—so that the remark one little boy made in Jackson could be made by all little boys in Mississippi. He came to us from another place, undernourished, with diseased tonsils and defective teeth. His tonsils were removed, the teachers at school gave him a bottle of milk every day, and when I took him to the dentist and he returned happily with his dental certificate, he said: "I think you all must care more for boys here than they do where I came from." Isn't that reward enough? To create in the mind of one of these—God's heedless little acolytes—the thought that we, the grown-ups of Mississippi, care?

From Florida

Editor ORAL HYGIENE:

Personally, let me thank you for your appeal for help for the Florida victims of the hurricane. Your money can be used to advantage. But remember that though stricken and numb from this awful thing, I am sure the dentists did their bit.

Personally, I treated teeth, sewed up legs, arms, and bandaged the injured and I think all the boys did the same. We are hard hit, but we have the old fighting spirit that helps Americans win. Again, thanks for thinking of us in an hour of need.—H. W. Stephenson, D.D.S., Fort Lauderdale, Florida.

For the Kids

ORAL HYGIENE recently received a copy of "The Book Shelf for Boys and Girls" published by R. R. Bowker Company, 62 West 45th Street, New York. This is an admirable little publication and will afford dentists a splendid opportunity of choosing suitable Christmas books for children. It will likely also appeal to dental hygienists for the same reason. R. R. Bowker Company offer copies free upon request.

from
best
ness
TI
Assoc
one l
bercu
attach
ing b
Ev
tunat
golf
noon
ly on
have
a ter
pool.
Ne
ever,
enoug
pair o
least
The
lure o
is no t
keep o
brisk v
to do
Wit
will c
blood,
ter fu
tines a
The
Associa



Combating Tuberculosis



PREVENTION of sickness is our modern medicine. Nowadays we go to the doctor's to keep from getting sick. One of our best medicines to prevent sickness is exercise.

The National Tuberculosis Association advocates exercise as one help toward conquering tuberculosis. This disease does not attack a healthy, well functioning body.

Everyone may not be fortunate enough to belong to a golf club and get in an afternoon or more of exercise weekly on the links. We may not all have access to a gymnasium, to a tennis court, or swimming pool.

Nearly every one has, however, his two good legs and enough money to buy a sensible pair of shoes and can walk at least a mile or two daily.

These cool crisp fall days lure one out of doors and there is no tonic in the world that can keep one more fit than a good brisk walk. But it must be brisk to do any good.

With this muscular exercise, will come better circulation of blood, better respiration and better functioning of skin, intestines and kidneys.

The National Tuberculosis Association and its affiliated

state and local associations believe that one good way to get the best of tuberculosis and other diseases is to have a thorough overhauling of the body by an expert physician at regular intervals.

The work of these associations fighting for your health is financed by the annual sale of the penny Christmas seals in December.

Five million dollars is to be raised in the last five weeks of 1926 to fight tuberculosis. What a tremendous undertaking this must be?

At least 150,000 people, it is estimated, will volunteer part or all of their time during this period. They are drawn from every walk of life. Perhaps a dentist in Ohio acts as treasurer; the governor of Pennsylvania endorses the work in a proclamation; while hundreds of school teachers in different communities take charge of the sale in their districts. The list of local workers is often a register of the public spirited people of the locality. They know no creed or race because they are working toward one great cause.

In 1925 they raised four and one-half million. It is not too much to expect 150,000 volunteers to raise five million dollars in 1926.

The Renaissance of

By ALONZO MILTON NODINE, D.D.S.
(N. Y. Univ.), L.D.S.R.C.S. (Eng.)

(Continued from November
number)

PART II



THE same objections of expense also and the fancied insufficiency of recruits has always been raised as a bugaboo whenever the need has been pointed out for increased standards whenever additional requirements of professional education have been suggested. But it may be shown that despite the fact that medical education costs more and the requirements are greater than dental education there are still two to three times the number of medical practitioners as there are dental practitioners.

Is it unreasonable to believe that with the readjustment of medical professional education now in process, and were dentistry or stomatology given the same position of confidence and esteem that other medical specialties have, that an appreciable number of men would not choose stomatology or dentistry when placed upon a medical foundation?

Should this prove to be the case the needs of the public would not suffer so far as restorative dentistry and reparative dentistry are concerned.

Can it be contended that the

needs of the public for this type of dentistry have ever been met, are being met or ever will be met with the present system of autonomous professional education or under any system of social reorganization?

And the reason that it can not be met is the economic factor alone. The cost of reparative and restorative dentistry is so high and takes so much time that the needs of vast majority have not, are not, and never will be satisfied. This presents what may appear to be an insurmountable obstacle to the acceptance of the stomatological program. But is it unreasonable to believe that under a more scientific organization and a properly adjusted and arranged system of professional medical education of stomatologists that scientific research and experimentation would not evolve some scheme of preventing those ravages of dental decay, pyorrhea and oral foci of infection with which, under the present system and autonomous control, dentistry has proved it is unable to cope—either from a mechanical standpoint or any other standpoint?

There is sufficient evidence at the present time in existence—produced by men who have studied this problem—to suggest, that the problem of pre-

nce of Dentistry

Does any dental surgeon believe that he would have his mechanical ability impaired by the possession of a basic medical education and training?

venting the disease, which mechanical restoration or repair cannot cure, is reasonably possible of solution. And this is the step that dentistry or stomatology will take next in the march of preventive medicine. We approach the time of Being Born Anew and Land of Beginning Again.

The second objection is stated in the following way. Medically qualified dentists or stomatologists are *per se* poor mechanical and technical craftsmen. This objection, as stated, will not hold water. In the first place we know that the great bulk of restorative and reparative work with which patients are furnished is not the work of dental surgeons at all!

It is the work of dental mechanics and dental technicians! Further we know that the average restoration and replacement as now furnished by trained graduate dental surgeons, grad-

uates of the best dental schools and dental hospitals are comparatively speaking absolute failures.

They are failures from the standpoint of curing or preventing dental disease and failures from the standpoint of mechanical principles. These failures are due, it may be demonstrated, to the fact that the restoration or replacement is both unsound in conception and faulty in execution. We are compelled to admit that the dental surgeon is responsible to some extent for the conception of the restoration or replacement but the execution of the mechanical details and often the whole mechanical conception is placed in the hands of mechanics and technicians who have never operated upon living tissue, unable to appreciate the results of their craftsmanship except from the mechanical and technical standpoints and even this point of view may be defective for few mechanical

dentists or technicians are trained mechanics or technicians in the usually understood meanings and conceptions of these terms, and, further, seldom do they see the patient upon whose living tissues these mechanical productions are designed to rest!

No claim is made that the medical degree or a basic medical training and education will necessarily endow the recipient with a greater or more exact conception of mechanical principles or will it necessarily confer on him a skill in technical craftsmanship. But it will do one thing, it is confidently held, it will give him a broader prospect from which to view these mechanical productions and a better conception of the results of their application to living tissue.

Not for one moment is mechanical skill or technical expertness deprecated because attention is focused on these to their detriment, the point is that the focus is so adjusted because on the one hand the average is neither skillful nor expert. And on the other, however skillful or expert these mechanical productions may be, unless conceived with some considerable knowledge and appreciation of their application to, their action on, and the reaction of living tissue to them, the desire for success is defeated first by elements of chance, instead of being reasonably assured by calculated knowledge, and second, economic necessity.

Does any dental surgeon believe that he would have his

mechanical ability impaired by the possession of a basic medical education and training?

Were the physicians who practiced dentistry for thousands of years less capable in comparison with the state of knowledge of their time than the dental surgeons of today?

"The more a dentist knows about medical principles and medical practice the better he will serve his patients." If this be true, and it is not unreasonable to believe it is true, why will it be less true did he possess the basic medical education?

"Shall dental operative procedures be empirically mechanically or rationally scientific?" asks the Editor of *The Dental Cosmos*.

Is the spectacle maker—the optician—a better ophthalmologist than the medically qualified oculist?

Is the maker of artificial limbs, braces and appliances a better orthopedic surgeon than the orthopedic surgeon with the medical qualification?

No thoughtful person will contend that he is.

That there are unskillful men with the medical qualification it is conceded. But the Editor of *The Dental Cosmos* tells us that he reviewed "an exhibition of attempts at saving and restoration of some several thousands of teeth with the aid of amalgam. It was indeed a sad commentary on operative dentistry as it is evidently practiced by the so-called average dentist. The percentages of successes in these thousands of

cases was so small as to be almost negligible." The exhibit determined "that the large majority of operators who insert fillings were not only unqualified to practice dentistry, but their conception of the objects of operative dentistry was defective in direct ratio to their successes as shown by the exhibit."

Webster states that 30,000 root canal fillings were examined and not 3 per cent of the canals in molars and bicuspidis were opened to the apex and filled.

Hughes of California examined 2,000 radiograms of teeth having porcelain crowns in place and 950 had demonstrable apical abscesses.

What percentage of cast gold inlays reaching to cervical margins are successes from the standpoint of correct anatomical reproduction, mechanical retention or prevention of decay and preservation of the tooth, examined by the writer, is comparatively small. The balance are failures from one, several, or all standpoints.

At the Mayo clinic 87 per cent of the patients had infected teeth and 80 per cent had pyorrhea! And yet most of these patients were patients of graduate dental surgeons! It is neither claimed that dental surgeons are responsible for all these percentages, nor is it believed that dentistry, as practiced by the average dental surgeon is not responsible for a considerable percentage of these cases. On the one hand it is believed to be a case of

commission and on the other a case of omission.

Bumpus declares that at the age of twenty-five one quarter of the human race have septic mouths, nine-tenths have septic mouths at the age of forty-five, and all have septic mouths at the age of fifty. As the result of nearly a quarter century's experience and observation in Europe and America and thirteen years' examination of patients with the x-ray and from personal experience at the hands of reputable, experienced dental surgeons in America and American dental surgeons in Europe, he is convinced that this estimate is not wide of the mark and further dental surgeons themselves are responsible for a certain percentage of these cases both in the operative surgical and prosthetic fields.

Pyorrhea experts declare that the vast majority of patients having pyorrhea are not diagnosed, and of those that are diagnosed a considerable percentage are not treated, and of those treated the treatment is in most instances a failure.

Prosthetic specialists claim that the average partial denture is a greater detriment to sound teeth than would be the failure to restore the lost ones.

Removable bridge experts assert that fixed bridgework is a detriment and a failure. And fixed bridgework champions assert with equal emphasis that removable bridgework is not the success claimed for it and that failure results both from the mechanical conception and from

the standpoint of its application to both living and dead foundations.

Impartial observers are convinced that both types have more failures than successes and that there will be some type of restoration conceived that will be an improvement on both.

In estimating the degree of failure the point is not lost to sight that a certain latitude is allowed, because these restorations are metallic, mechanical attempts to replace and restore living, organic, animal tissue, but the failure is estimated in terms of systemic, organic and local tissue health.

Boyd Gardner, Eusterman, Darling, Sniffen, Williams and King of London, Gelson of Paris, Stiven and my own x-ray examination find that more than 33 1-3 per cent of patients who have more than two or three teeth extracted by the pulling method have from one to a dozen roots left in.

Molt, Burns, Novitzsky, Ivy, Gardner, Eusterman, Darling, Williams and King of London, and the writer, find in from 15 to 45 per cent of the patients examined who have had teeth removed by the pulling method that there is evidence of persistence of the infection even after the complete removal of the tooth.

Lucas, Reed and others declare that the resection of apically infected roots is a failure.

Shearer states almost one-third of the patients examined by him have a sharp knife-edge ridge of bone persisting after

the removal of teeth which made difficult the wearing of a denture.

Wadsworth found that almost 25 per cent of the patients for whom he was called upon to make dentures had persisting infections, and that chief cause of failure properly to articulate lower dentures was the presence of infections in the jaw.

When the dental surgeon takes the stand that he does in regard to the medical qualifications and rejects and objects to the placing of dental profession upon a new basis—what reply can he make or what objection can he raise to those dental mechanics in some countries who are making an effort to be permitted to apply the results of this conception and craftsmanship to the patient?

They hold that if they are competent to construct the restoration which the dental surgeon inserts, in what respect are they more incompetent to insert the restorations they constructed than the dental surgeon, who like themselves, has not the medical point of view with which to judge the effect of these restorations?

If we are to judge the prosthetic, restorative and reparative dentistry by the results and effects, if we are to judge them from the medical point of view or from the hygienic point of view or even from the standpoint of sound, sanitary mechanical restoration of function, any fairminded inspection will not, in the vast majority of cases, be able to decide whether

or
dent
cute
A
num
ity
man
be
plun
T
asks
does
whic
impr
tal
impr
denta
whol
of th
of in
know
surge
press
tion?
W
surge
medic
anic
and
the
denti
the in
denta
mecha
anic is
dental
ment
duces
revenu
tioner
he inc
tient's
concei
Bec
questi
be tak
tal me

or not a dental surgeon or a dental mechanic conceived, executed or applied the restoration.

And in a not inconsiderable number of cases the responsibility for the results and workmanship are such that it could be safely shouldered by a plumber.

The dental mechanic again asks: what special qualification does the dental surgeon possess which entitles him to take the impression but excludes the dental mechanic from taking the impression? Does not the same dental mechanic know that the whole conception and execution of the restoration in a majority of instances is his? Does he not know that all that the dental surgeon does is to take the impression and insert the restoration?

What answer can the dental surgeon in England give to the medical man or the dental mechanic when in the dental schools and hospitals in Great Britain the department of mechanical dentistry is in charge of, and the instruction is given not by dental surgeons, but by dental mechanics! If the dental mechanic is competent to instruct the dental surgeon in that department of dentistry which produces the largest part of the revenue for most dental practitioners why is he incompetent, he inquires, to place in the patient's mouth the restoration he conceives and makes?

Because the writer asks the questions that he does is not to be taken as a brief for the dental mechanic.

But it is an indictment of the present methods of practice and the present competence of the dental surgeon, for which the present dental professional education is responsible.

If under the present system of professional education, training, instruction, the results of the dental surgeon's efforts are the failures that are suggested in the operative, prosthetic and surgical fields it is not impertinent to ask, in what department of dental practice is the average dental surgeon successful?

If out of the great silence nothing comes, is it not time, is there not the need to be born anew and start afresh upon some broader foundation?

In regard to surrendering the present autonomous position of the dental profession that is a human, understandable reluctance. We would like to inquire if this reluctance is the expression of the considered and calculated judgment of the profession as a unit in any one country? How can this be the case when organized dentistry is but the mouthpiece of but the minority of the profession in any country,

Let us pursue this inquiry a step further. Take any country you please and investigate who and what expresses the alleged reluctance of this organized minority.

What do we find? We find that it is the organized minority within the minority that is controlled by some individual who has his reluctance expressed by

them for him or it is expressed by this individual for himself.

Since he and they are the products of the system that produced them, he and they have the same point of view, the same limitations of outlook, the same bias of judgment, the same conception of dentistry as a profession, as the institutions which the Renaissance plans to supercede. What answer can be found in the Land of Beginning Again which will satisfy this objection? Will the achievement of the Being Born Anew confer greater preferment of position upon these individuals?

No, it will not. What can this achievement offer these individuals that will compensate them for their surrender? Nothing of a personal nature.

It offers nothing except that which will accrue to the whole profession as it is raised from position of independence to that of unity and participation in the medical profession of which it will form a part. We are told that this is a dream never to be realized! No, it is not a dream. It is an awakening to the realization of a practical ideal. Yet if it were but a dream it would still be the expressed hope released from subconscious minds where desire leads and logic propels the static thought to inevitable ends.

Those who find their chief objection to this Renaissance, to be their inability to see by what means or in what way the present dental surgeon will pass over the bridge of transition spanning the present with the

future, mistake conceded difficulties for impossibilities.

Because there are these conceded difficulties—plans have been made to overcome them. Were there no difficulties there would be no problem.

The problem presenting itself for solution is one of an educational or professional training character. How may the necessary professional training and education be obtained by those now practicing dentistry who want to practice as stomatologists?

Three possible and practical agencies are suggested for this purpose: first, medical schools; second, dental schools now under the administration of medical schools or universities; third, schools of stomatology affiliated with medical schools or colleges.

In these schools courses of study with lectures and practical laboratory and clinical work so adjusted as to be available for practicing dentists extending over two or three years and founded upon a well-considered scientific basic medical curriculum as would meet the best needs of the specialty of stomatology. At the completion of the course and passing of an examination a certificate or degree in stomatology would be granted or conferred signifying and entitling the possessor to practice the specialty of stomatology. Or a medical degree might be granted that would limit the possessor to the practice of stomatology.

It is realized that were such opportunities offered, there

would be a large number who for many reasons would not avail themselves of this opportunity to acquire a higher professional training and standing. They would continue to practice as at present. Legislation could be enacted that would require that after a certain date those who desired to take up the study and practice of dentistry would be required to take such a course of study in basic medical subjects and which course of study would be equivalent to that required for the basic course of medicine for any other speciality of medicine, and then such a course of study in the speciality of stomatology, dentistry. It has been suggested that a practical course would be three years' medicine and two years' stomatology or dentistry.

With a vision that is almost prophetic, the Editor of *The Dental Cosmos* in the July, 1914, number of *The Dental Cosmos* states:

"The M.D. degree that is coming and which we believe will in due course be held by future dentists, will represent a medical education adapted to the efficient practice of dentistry. Which means that the present medical curriculum will in the very nature of the circumstances have to be recognized with

reference to the many and constantly growing specialties of the science and art of healing, dentistry included." The adjustment and reorganization of the medical curriculum has, within a short time, received the attention of those interested in the improvement of medical education in several countries. This adjustment and this reorganization has been formulated and formally stated so that the process may be inaugurated before it is realized that it is in operation.

Again an editorial in *The Dental Cosmos*, when the Editor was a member of the Faculties Association of the American Universities, points out and with which Flexner and others who have expressed themselves on the medical educational problem, find a substantial ground for agreement, "We have for years contended that the mere addition of subjects involving years of study without taking into account the usefulness and adaptability of such subjects to the ends of dental education, is economically and pedagogically unsound, wasteful of time and energy and money and not productive of the best educational results in the realm of dental service."

56 Manchester St., Manchester Square, London, W. 1.





Telling the People About Dentistry



VERY interesting and complete newspaper advertising campaign for the dental profession was recently brought to ORAL HYGIENE'S attention.

Mr. Fred Starr of Norton-Starr, Inc., dental dealers of Syracuse, N. Y., told us about it.

The campaign had been running in the Syracuse *Herald* and attracted Fred Starr's attention. It is reported that the series was well received and has been oversubscribed in that locality.

The material was prepared by George F. Bough of Buffalo, N. Y. The idea behind the campaign is to acquaint the general public with the problems that confront the dentist and persuade the public promptly to meet their dental bills.

The campaign consists of ten pieces of copy attractively titled and laid out in such a way as quickly to catch the reader's eye. It tells what a humane fellow the dentist really is and that he tries to do all that he can to serve them and in the way that will be of most benefit to them.

We will give our reader's little "flashes" from each of the instalments.

Under the title of, "Why X-Ray Your Teeth?" the copy goes on in part to say, "the x-ray films will show cavities between the teeth which the dentist cannot always see with his mouth mirror. They will either show that the teeth appear to be live, healthy teeth, with normal conditions of the surrounding tissues, or they may show dead teeth in various degrees of infection, with abnormal conditions existing in the regions of the root.

"All physicians and dentists agree, and you should agree also, that an infected tooth is a menace to the health of an individual; that teeth are responsible for many body ailments, such as rheumatism, chronic headaches, indigestion, etc."

Under the attractive heading of "Do Not Read This Article if You are in the Majority," the copy in part reads, "Go at least twice a year. Why suffer pain when all that is necessary is for you to give your dentist the opportunity to advise you in preventing trouble in your mouth, which in most cases leads to serious illness—the x-ray will tell the story."

Under the dramatic title "That Toothache at Two O'clock in the Morning," the

W
sp
lio
lux
ven
he
ple
the
cer
the
tee
Eve
ple
the
wa
dev
tist
doi
tee
pes
Go
twi
Do
hu
pre
rel
Go
ha
gu
pre
PH
MA

TE

copy F
and to
ache. "
only it
you'll
"Bu
vorite
from y
Just b
does no
entitled
work.

By All Means Know Your Dentist Better!

We are living in a fast age, spending millions upon millions of dollars on temporary luxuries and pleasures giving very little attention to our health. These luxuries and pleasures receive more than their just due in dollars and cents. Give more attention to the health and care of your teeth.

Every year thousands of people—maybe you are one of them and do not know it—wait for toothache or cavity to develop before visiting a dentist. By putting it off you are doing untold damage to your teeth, your mouth, your appearance and your health. Go to your Dentist, at least twice a year!

Don't be afraid—he doesn't want to hurt you. He is more interested in protecting your teeth than he is in rebuilding them. Go to him today or tomorrow and have him examine your teeth and gums. To keep them healthy is to prevent decay and disease.

**PHONE YOUR DENTIST AND
MAKE AN APPOINTMENT
BECAUSE**

**IF YOU TREAT YOUR
TEETH RIGHT NOW, THEY
WON'T TREAT YOU
FALSE LATER**

Copyright, 1926, G. F. Bough, Syracuse, N. Y.

Suppose

Your Dentist Said: "I'm Sorry, But I Can- not Do Your Work"

Your Dentist is a human being; therefore he would not turn you down like that. Yes, you probably owe him for the last work and he knows it—so do you.

But your dentist is human. He is always ready and willing to give you his service—yet you make him wait longer for his money than you do anyone else.

His refusal to stop that toothache would mean hours of torture to you. Yet, if you owe him money he would be justified in refusing you his service. But then again, your dentist is human.

You pay other bills because you have to—why not pay your dentist—you will have to sometime. True, there are a great many who appreciate their dentist and "pay as they go." These people are conscientious and pay their bills promptly because it is right and not because of compulsion.

Pay your dentist—if you cannot pay all—pay him something. Tell him the circumstances. He is human, therefore he is reasonable.

Your dentist is reading this message also. Don't let him think you are dishonest. Drop in and let him know where you stand.

Copyright, 1926, G. F. Bough, Syracuse, N. Y.

copy pictures a patient rolling and tossing in bed with toothache. "What would you pay if only it stopped? A great deal, you'll agree.

"But in the morning your favorite dentist receives a call from you. Stop the toothache! Just because he is human, he does not charge you what he is entitled to for the few minutes' work. The service he rendered

is as great to the suffering individual as if he had spent hours on the patient.

"A dentist is the only one man you can go to to have that pain stopped. He is entitled to charge for that service." The article ends with, "As you read this article—your dentist is doing the same. Confirm his belief in you—pay him something."

In another section of this

campaign we find, "Maybe you are like most patients and pay your dentist at the end of each appointment. Maybe you wait until the work is completed and pay him in part. Maybe you are one who kids him along and don't pay anything."

"Your dentist is human. His part in life is identical to yours. He has to eat, clothe himself and family and besides maintaining his home, he has to maintain suitable offices properly equipped to serve you."

A paragraph designed to be another reminder reads like this, "Be honest. Be honest with yourself and your dentist. If you owe him something go to him, as an honest man or woman, and pay him something."

Mr. Bough has certainly obtained the dentist's point of view and has pictured little dramatic situations which are enacted in almost every dentist's office each day.

"Trading in Dentists," this is really pretty good. "You have the privilege of changing dentists whenever you wish. You may have good reasons for doing so. But don't fool yourself. He knows why you made the change. Don't try to hide behind one dentist's bill when you are trying to contract another. Both the dismissed dentist and the newly engaged one know what you are doing. They immediately recognize your kind. Your dentist gives you a service when you need it. His knowledge, his experience and

his skill are always at your command."

Under the heading "Your Dentist, His Outgo Versus Income," the copy writer strikes at a phase of professional service to which the general public gives little or no consideration: "Did you ever stop to think of the cost of a dental education? The thousands of days and nights he spent in endless study. The thousands of dollars expended in his college education and preliminary practice—and the thousands necessarily needed for office instruments and equipment, gold, silver, furniture, etc.?"

"All these things are requirements and necessities to perfect and equip your dentist in order to render to you his professional service. A service that means little so far as time is concerned in stopping a toothache, but so far as service to the patient in alleviating a pain is concerned, it is unlimited.

This copy ends with, "Reminder. Do it now. Write out a check tonight. Your dentist is reading these articles, too. Be fair."

This heading, while not so attractive, may contain more truth than poetry, "Dentistry—a Tiring, Tedious Profession. Is it Worth it When People Neglect Their Bills?"

"Your dentist is on his feet all day long with a few minutes off at noon for a light lunch. His work is trying, tedious and steady. He gives his best, in time, eyesight, health and abil-

ity to
times
realit
Fu
have
is a
But y
dentis
lot ea
dentis
"T
the s
splend
your
dentis
ciate h
family
The
these
given
gotten
flashes
see how
has go

Sat
paused,
"T
"N
"M
laws."
"W
of etern
his laws
"Pa
them hi
It w

ity to his patients. He oftentimes grows real old when in reality a young man."

Further on in the copy we have "Yes, it is worth it, but it is a real service to humanity. But you people who owe your dentist could make it a whole lot easier if you would pay your dentist what you owe."

"Think it over and play on the square. Encourage this splendid profession by paying your bills promptly. Let your dentist know that you appreciate his service to you, to your family and to all mankind."

The titles to a number of these instalments have been given just to show how well gotten up they are and little flashes from the copy so you can see how really close Mr. Bough has gotten to the subject.

This campaign has been received so well by the public that Mr. Bough is preparing a series on "Help and Care of Teeth."

The big idea is to instill in the minds of the public the advantages of seeing their dentists at least twice a year and the undesirable results to their teeth, their appearance and their health if they neglect to do so.

The old adage might apply here "That an ounce of prevention is worth a pound of cure," that if folks care for the little things the serious and more costly illnesses are not likely to develop.

This second series should prove as interesting and as beneficial to the profession as the first.

An Old Fable

Satan was thrown out of heaven. Half way in his descent he paused, bent his head in thought a moment, and at last went back.

"There is one favor I should like to ask," said he.

"Name it."

"Man, I understand, is about to be created. He will need laws."

"Wretch! You his appointed adversary, charged from the dawn of eternity with hatred of his soul—you ask for the right to make his laws?"

"Pardon; what I have to ask is that he be permitted to make them himself."

It was so ordered.

ED. HOWE.

EDDIE KE

By MERWIN MASS

Program

DEWITT C. BACON Presiding
HART J. GOSLEE Toastmaster

"Say it Personally—Not with Flowers"

INTRODUCTION OF DR. KELS Hart J. Goslee
INTRODUCTION OF DR. FONES Wm. H. G. Logan

THE DENTAL HYGIENST Alfred C. Fones
DISCUSSION G. Walter Dittmar
DISCUSSION C. Edmund Kells

A DELIGHTFUL DUTY De Witt C. Bacon

DR. KELS IN DENTISTRY Henry L. Banzhaf
DR. KELS IN THE EAST Merwin B. Massol
DR. KELS IN THE WEST John D. Patterson
DR. KELS IN THE NORTH Karl W. Knapp
DR. KELS IN THE SOUTH Clarence O. Simpson

A BIT OF HISTORY OF THE ROENTGENOGRAM Otto L. Schmidt

DR. KELS IN HIS OWN HOME TOWN Samuel H. McAfee
DR. KELS IN OUR OWN HOME TOWN Donald M. Gallie

RESPONSE By the Guests of Honor

day, C
his fri
of the
there
the m
call hi
W
unders
It's
guishe
whose
But
spoiled
fellows
Hur
"Go
gone an
I've dis
And
pily, ey
The
tograph
Orleans
of progr
gling, th
"Say
gathering
Thos
love and
garden—

DIK KELLs

ERW MASSOL



IS seventieth birthday was a wonderful birthday for Eddie Kells of New Orleans.



On the evening of that day, October 21st, several hundred of his friends ascended to the 17th floor of the LaSalle Hotel in Chicago, and there in the Grand Ball Room at a great banquet strove to honor the man who is so loved by his fellows that, at seventy, they still call him Eddie.

What a tribute that is to a man's own human traits! What an understanding it reveals of his mind and heart!

It's true enough that men are men—whether they be distinguished representatives of a great profession or just plain folks whose main achievement is keeping themselves clothed and fed.

But how often does the man who rises to eminence keep unspoiled his human qualities? Many such have the respect of their fellows. Only a few keep the love.

Human Eddie Kells!

"Gosh," said Eddie, fishing for a blue manuscript, "Here I've gone and forgot my speech and I'll have to read it and I reckon I've disgraced myself right in front of my wife."

And Mrs. Kells, sitting below the speaker's table, smiled happily, eyes glistening with pride and joy.

The celebration of Eddie's birthday was arranged by the Odontographic Society of Chicago, working with members of the New Orleans profession. Dr. Hart J. Goslee of Chicago bore the burden of program preparation, kept the multitude of details from tangling, then donned his tux to serve brilliantly as toastmaster.

"Say it personally—not with flowers" was the spirit of the gathering. But there were flowers, too, great banks of them!

Those beautiful flowers have perished now. But the flowers of love and brotherhood are living still—flowers from God's own garden—those tributes of Eddie's friends.

Editorials

REA PROCTOR McGEE, D.D.S., M.D., Editor

Manuscripts and letters to the Editor should be addressed to him at 514 Hollywood Security Bldg., Los Angeles, California. All business correspondence and routine editorial correspondence should be addressed to the Publication Office of Oral Hygiene, Pittsburgh, Pennsylvania.

How Can You Tell?

IDENTIFICATION of human beings, that is individual human beings, has long been an important problem not only of criminologists but of military authorities and the civil courts.

The earliest system of recognition was that which we all use today—the memory of personal appearance—sound of the voice—color of eyes and hair—peculiarities of movement and physical defects.

The Bertillion brothers, Jacques and Alphonse, who were French scientists and criminologists, developed the Bertillion system of measurement that became standard all over the world. The defects of this system prevented the deadly accuracy that is important for identification. There are so many people in the world that any system which is general must of necessity fit a small number of people rather than one person exclusively.

As a further development of the study of

different human characteristics the finger-print system was evolved.

The theory in the finger-print as developed by Francis Gelton in 1892 is that no two finger-prints are exactly alike—as an example the print of the palmar surface of the tip of the right first finger would not be the same in any two of the several billion people who inhabit the earth.

It is rather a large contract to prove that the little ridges on the tip of the first finger of the right hand are sufficiently different in every human being, living or dead, to identify the individual positively.

Then if all of this were true and some man was about to hang on circumstantial evidence and the real criminal had just had his right index finger chewed off, swallowed and digested by the police dog who chased him—then what?

If a body is found in a burned building the fingers and toes are almost sure to be charred—how then will identification be made?

The present system of finger-print comparison is almost entirely in the hands of police. There are probably some really well-trained experts of good education and scientific mind on the police forces of the country. We realize, however, that a police job is not one that ordinarily calls for any very extended education and the consequence is that finger-print experts are not always as expert as they should be.

There are few available finger-print readers in civil life.

In 1900 England adopted the finger-print system of Gelton for use in famous Scotland Yard and the use of this method of identification has spread over the world.

Of course, the finger-print idea is much older than Gelton's time. The Chinese were using a similar method as early as the Ming dynasty.

The nineteenth century produced among other things the new science known as anthropology, the study of man.

Man from the earliest times right up to tomorrow—what could be more fascinating—why do we look human? Why do we act human? Why are we moral? Why are we immoral? Why are we law-abiding citizens—if any?

Why do people break the law; that is any law except Andy Volstead's?

All of these questions are studied by the anthropologist. How may we be sure of hereditary rights? How may we be sure that the identity of a man, woman or child can be established?

How may we be sure of the identity of a criminal? All of these are serious questions. Many times a question of life and death. What could be more miserable than the living death of one who must forever be unable to prove his real name and station unless it be the person who suffers for the crime of another? The finger-print system is not en-

tirely satisfactory—in fact it sometimes fails—what then?

One out of every two thousand people in the United States is expert in the observation of the teeth and mouth. Every person who must be identified either has teeth or hasn't teeth. If he has teeth, the teeth can be examined, counted, charted, modeled, and photographed, prints of teeth can be taken as easily as finger prints. The following newspaper article is of interest in this discussion:

Washington—Despite all the finger experts' bragging about the infallibility of their method of identification, J. Herbert Taylor of the identification division of the navy, is working out a new system.

When a recruit joins the navy his teeth are always thoroughly overhauled. After that the dentist sees them again at least once a year.

It is upon this dental record that Expert Taylor depends.

The teeth are numbered—1 to 32.

The dentist starts with tooth No. 1. In it he finds a red copper cement filling. A red copper cement filling has a numerical value—say 4096—which the dentist jots down.

Then he proceeds to tooth No. 2. It has a gold crown. The dentist jots down the number that goes with a gold crown—for instance 256.

As he makes the rounds of the patient's upper jaw he keeps on jotting down these numbers—a different number for each one of the numerous different kinds of fillings, for sound teeth and for missing ones, for all sorts of peculiarities and characteristics.

When he's through with the upper jaw the den-

tist adds his figures up, getting, as his result 65535, to illustrate.

Next he does the same thing with the lower jaw and gets a total, we'll say, of 74921.

65535

He writes it down like this: _____

74921

That's just to serve as an index for the identification expert.

A year later, the patient calls on the dentist again—a different one perhaps. The latter, however, as he does his work, brings the patient's dental chart up to date.

Subsequently a sailor is blown up in an explosion which mangles him beyond recognition.

The identification expert examines the victim's teeth, jotting down numbers, just as the dentist did. Next he foots up his figures and gets his totals. Turning to his filing cabinet, he takes out that card. Comparing his own record with this earlier one, he finds them identical.

"This is John Doe," he says.

Confusion is next to impossible, for there are more than five billion different combinations of figures. Even two men whose teeth are all sound would give different total, for every peculiarity in a sound as well as a damaged tooth has a number of its own, and of course no two sets of teeth are exactly alike.

Besides, as Expert Taylor points out, there are mighty few persons these times with 32 absolutely sound teeth apiece.

Two men with no teeth at all might get mixed up, but by the time a man has his last tooth, it is extremely unlikely that he will remain in the naval service.

It is, of course, possible, though improbable, that more than one man might have the same record as to totals. There certainly would not be many of these duplications, however, and a comparison of

the charts' details would quickly show which was which, for it is almost inconceivable that the arrangement, as well as the totals, of the numbers should be the same.

Expert Taylor does not expect his system to supplant finger prints, but he does believe it will prove an invaluable supplement to the latter.

A dental identification is a matter of minutes, while an identification by finger prints sometimes is a matter of days. Having accomplished it by the former method, it can be verified by the latter without the necessity for an examination of perhaps thousands of prints.

To the Profession

Sixteen worthy members of the American Dental Association have been receiving monthly checks from the Christmas Relief Fund. Three of these colleagues whom you have thus aided have now passed to the Great Beyond.

The Christmas Seals form a hand-clasp between the fortunate and the unfortunate among our members. Each year, these seals go out as a pleasant reminder that our Relief Fund is to be augmented for the benefit of those whose advancing years—or other disabilities—are rendering them incapable of self-maintenance, and whose sole support comes from outside aid.

Your cancelled check to the Relief Fund for \$1.00 or more will be your receipt.

Let's make this year's response "one hundred percent (100%) for Charity and Cheer."

Fraternally yours,

HENRY L. BANZHAF, President

OTTO U. KING, General Secretary

Laffodontia

If you have a story that appeals to you as funny, send it in to the editor. He may print it—but he won't send it back.

"What's that girl doing with a tobacco pouch?"

"Tobacco pouch nothing! That's her bathing suit bag."

"There's my old man with another loaf of bread, and I'll bet there isn't a pint of whisky in the house."

"The new cook says she wants to be treated as one of the family."

"Good. Then we can tell her what we think of her."

BOOTLEGGER'S HORSE (seeing zebra in zoo): Lor', guv'nor, let's quit. There's one as was caught.

MAID: You know that old vase, mum, you said 'ad bin 'anded down from generation to generation?

MISTRESS (*anxiously*): Yes?

MAID: Well this generation 'as dropped it.

M. D.: Your system is poisoned, you must get rid of your teeth!

PATIENT (*very*): All right, Doc. Throw 'em away, you'll find them under the pillow.

Man is but a worm. He comes along, wiggles about a bit, then some chicken gets him.

"So you're looking for a job in musical comedy?" inquired the theatrical manager. "What can you do?"

"I can sing," modestly replied the pretty applicant.

"Go on, girl! This ain't no church!"

WIFE: May I go out for the evening?

HUSBAND: Yes, please.

Gus says: I saw two fellows talking the other day and they were trying to see which one could praise himself the most. It was merely a case of an I for an I.

"May I read your Palm Olive?"

"Not on your Life Buoy!"

"Then I am out of Lux!"

"This may hurt a little," said the absent-minded dentist as he changed to his niblick, "but it will be over in just a minute."

FATHER: Your new little brother has just arrived.

VERY MODERN CHILD: Where did he come from?

FATHER: From a far-away country.

V. M. C.: Another damned alien.

YONKERS: Do you believe in fairies?

JOISEY: Naw! I takes the tube. It's quicker.

RELAX: For Heaven's sake, old man, what's the matter? Why, you're all broken up!

REFLUX: Oh, a chiropractor owed me five hundred dollars and I let him take it out in trade.

The acoustics of your hall are terrible!

Nonsense! It's the Chemistry Building next door that you smell.

Sharp Knives without resharpening



YOU can eliminate the expense, time and trouble of resharpening by using Bard-Parker knives. The price of a new, keen Bard-Parker blade is 12½ cents—just half the cost of resharpening the ordinary scalpel.

The user does not have to accustom himself to a new instrument. Bard-Parker handles are solid, maintaining the shape and balance of the one-piece scalpel. There are no springs, catches or hidden crevices to prevent complete sterilization.

The Bard-Parker knife is completely safe in operation. The blade forms a mechanical lock with the handle when in position. No amount of pressure in any direction will dislodge the blades while in use.

One No. 5 handle and one half-dozen each of Nos. 10, 11 and 12 blades, \$3.75

Our local Agent is our representative. If you want supplies or have a suggestion or complaint to make, he is there to wait on you for us.

It's Sharp

BARD-PARKER COMPANY, INC.
150 Lafayette Street, New York, N.Y.



Sal Hepatica

The Standard Saline

Laxative and Eliminant

Many pathologic dental conditions are aided by the addition of systemic treatment to that of instrumentation.

Elimination of accumulated toxins from the entire organism is an essential requirement.

SAL HEPATICA is especially efficacious as a general laxative and eliminant in the systemic treatment of pyorrhea, spongy gums and many other pathologic oral diseases.

Samples on Request

BRISTOL-MYERS CO.

40 Rector Street
New York City



	PAGE		PAGE
Abbott Laboratories	2363	Iodent Chemical Co.	2399
Aldine Printing Co.	2366	Ivory, J. W.	2404
Alkalol Company	2323	Ixolain Company	2362
American Cabinet Co.	2416	Jackson & Co. Inc., O. W.	2306
American Medical Book Co.	2315	Jelenko & Co., J. F.	2352
Anacin Company	2303	Justi & Son, H. D.	2344-45
Antidolor Mfg. Co.	2313-14	Justrite Mfg. Co.	2432
Archer Mfg. Co.	2442	Kellogg Mfg. Co.	2407
Atlantic Rubber Mfg. Co.	2413	Kentos Labys.	2320
Auderer Labys., J. F.	2317	Kimberly-Clark Co.	2358
Bafaline Labys., Inc.	2438	King's Specialty Co.	2350-2404
Baker, David C.	2400	Koch & Sons, A. S.	2370
Bard-Parker Co.	2301	Kondon Mfg. Co.	2317-2389
Barkmeyer Electrical Laby.	2339	Lambert & Pharmacal Co.	2435
Becton, Dickinson & Co.	2335	Lea & Febiger	2386
Berry Dental Laby.	3rd cover	Lehn & Fink, Inc.	2417
Bodee Dental Institute	2433	Leiman Brothers	2321
Bosworth Co., Harry J.	2401	Lincoln Dental Mfg. Co.	2328-2375
Brewster, E. R. S.	2362	Lochhead Labys. Co.	2330
Bristol-Myers Co.	2301-2307	McCarrie School of Dentistry	2425
Brown Dental Mfg. Co., A. A.	2406	McCaskey Register Co.	2388
Buffalo Dental Mfg. Co.	2446	McCormick Rubber Co., E. J.	2333
Butler, Dr. John O.	2329	McKesson & Robbins.	2433
Campho-Phenique Co.	2441	McLaughlin, Dr. John J. F.	2310
Card, Dr. C. L.	2438	Mac Chemical Corp.	2410
Castle Co., Wilmot	2381	Manhattan Coat Factory	2419
Chandler Dental Account. System	2432	Masel Dental Laby.	2394
Cleveland Dental Mfg. Co.	2422	Medical Protective Co.	2325
Coe Laboratories	Insert	Melrose Hospital Uniform Co.	2386
Colgate & Company	2311	Merrell Co., Wm. S.	2249
Columbus Dental Mfg. Co.	2448	Metsan Dental Mfg. Co.	2439
Cook Labys., Inc.	2421	Metz Labys., H. A.	2374
Corega Chemical Company	2338-2447	Mizzy, Inc.	2368-69
Corning-Rubber Co.	2409	Mu-Col Company	2429
Crane & Company	2407	Mynol Chemical Co.	2343
Crescent Dental Mfg. Co.	2428	Newland Dental Company	2441
Crocker-Fels Company	2434	Ney Company, J. M.	2256
Crutcher Dental Mfg. Co., T. M.	2366	Nitrosol Company	2398
Dee & Co., Thomas J.	2397	Oakland Chemical Company	2384
Dental Emblem Company	2395	Ohio Chemical & Mfg. Co.	2318-19
Dental Laby. Products Co.	2306	Orphos Company	2367
Dental Pharmaceutical Co.	2354	Owens Staple-Tied Brush Co.	2402
Dental Press	Insert	Oxy-Chrystine Corp.	2418
Dental Protective Company	2322-2371	Pacquin, Inc.	2425
Dentinol & Pyorrhoeide Co.	2nd cover	Patterson Dental Supply Co., M. F.	2424
Dentists' Supply Company	2387-2414-15	Peck Mfg. Co., A. E.	2317
Detroit Dental Mfg. Co.	2400	Pelton & Crane Company	2316
Doherty Rubber Works, Eugene	2442	Pepsodent Company	2445
Drucker Co., August E.	2327	Petry Retainer Co., Jacob	2389
Electro Dental Mfg. Co.	2342	Pfingst, A.	2432
Ellis-Jones Drug Co.	2390	Phare & Son, F. R.	2328
Eureka Dental Spec. Co.	2377	Pheno-Bromate Chemical Co.	2359
Eureka Suction Co.	2429	Phillips' Milk of Magnesia	2412
Fisher Mfg. Co., John C.	2419	Polaris Company	2373
Flossy Dental Mfg. Co.	2437	Postum Cereal Company	2309
Forhan Company	2426	Prometheus Electric Co.	2395
French & Co., S. H.	2438	Prophylactic Brush Co.	4th cover
Gebauer Chemical Co.	2427	Prophylactic Tooth Powder, Inc.	2305
Gilbert, Dr. S. E.	2410	Public Service Cup Co.	2231
Goldsmith Bros. Smelt. & Fef. Co.	2340	Queen Mfg. Co.	2395
Green, Dr. L. O.	2405	Radium Remedies Co.	2420
Gudebrod Bros. Silk Co.	2444	Rapell Dental Labys.	2410
Gustafson, G. Wilfred	2333	Ransom & Randolph Co.	2364-65
Handler, Edward	2353	Ready Reference Co.	2341
Hanovia Chemical & Mfg. Co.	2423	Reynolds Sons Co., S. H.	2312
Harvard Company	2308	Ritter Dental Mfg. Co.	2326
Harris-Bitray Company	2377	Roscinian Company	2434
Health Appliance Co.	2329	Rowan, Inc., Edward	2411
Hinkle Company	2376	Ruthrauff Co., W. M.	2324
Hisey Dental Mfg. Co.	2304	Santiseptic Mfg. Co.	2312
Hoberg X-Ray Film Co.	2375	Sattler, Walter E.	2394
Hoffman LaRoche Chemical Works	2436	Scharmann, Gustav	2351
Holland Specialty Co.	2407	School of Mech. Dentistry	2394
Hood Company, John	2334	Silv-O-Dent Co.	2350
Hu-Friedy Mfg. Co.	2413	Smith & Son Mfg. Co., Lee S.	2312-2328-2336-37-2360-61-85
Ideal Tooth Co., Inc.	2430	Sodiphene Co.	2403
International Pyorr. Corp.	2353		

(Continued on page 2304)

Name _____
 Street _____
 City _____
 My Drug _____
 Address _____

Page
 2399
 2404
 2362
 2306
 2352
 2344—45
 2432
 2407
 2320
 2358
 2404
 2370
 2389
 2435
 2386
 2417
 2321
 2375
 2330
 2425
 2388
 2333
 2433
 2310
 2410
 2419
 2394
 2325
 2386
 2249
 2439
 2374
 2368—69
 2429
 2343
 2441
 2256
 2398
 2384
 2318—19
 2367
 2402
 2418
 2425
 F. 2424
 2317
 2316
 2445
 2389
 2432
 2328
 2359
 2412
 2373
 2309
 2395
 h cover
 2305
 2231
 2395
 2420
 2410
 2364—65
 2341
 2312
 2326
 2434
 2411
 2324
 2312
 2394
 2351
 2394
 2350
 2312—
 61—85
 2403

These foes of pain

Yours free—

The coupon brings 20 dispensing envelopes of AN-A-CIN and suggestions for care of the mouth following extraction and other oral surgery. Dentists everywhere are using AN-A-CIN because it does not depress the heart, yet is a potent foe of pain. And because its anti-pyretic action exerts a curative effect on the general system where there is systemic absorption of infection.

The ANACIN Company, 30 E. Kinzie St., Chicago, Ill.

Send carton of AN-A-CIN Dispensing Envelopes FREE.

Prescription pad wanted. Check here ☐

Name _____
 Street _____
 City _____ State _____
 My Druggist's Name is _____
 Address _____

(Continued from page 2302)

Specailty Mfg. Co.	2393	Victor X-Ray Corp.	2254
Sprague & Co., J. A.	2433	Walling Bros. Inc.	2339
Spyco Smelting & Ref. Co.	Insert	Wappler Electric Co.	2440
Squibb & Sons, E. R.	2391	Weber Dental Mfg. Co.	2356-57
Stern & Co., I.	2355	Wernet Dental Mfg. Co.	2346-47
St. Paul Welding & Mfg. Co.	2431	Western Company	2253
Sweet, Chester T.	2438	White Dental Mfg. Co., S. S.	2348-2382-83
Thoenbe, L. A. & W. H.	2304	Williams Gold & Ref. Co.	2379-2380
Toledo Technical Appliance Co.	2323	Winthrop Chemical Co., Inc.	2398-2405
V-B Corporation	2372-2378	Wisconsin Electric Co.	2443
Veron Brothers & Company	2349	X-It Laboratories	2328
Velvo Dental Spec. Co.	2328	Zonite Products Co.	2392

News of Alvatunder

Alvatunder, the oldest local, is now being made in the new Hisey plant in Philadelphia. Send coupon or your

Dr. _____

Address _____

Dealer _____

card for our new free offer.

Hisey Dental Mfg. Company

6007 Irving St.

Philadelphia, Pa.

Nobody imitates a poor product—

Imitators have chosen Harvard Cement as worth attempting to counterfeit. The great adhesive strength of Harvard—making it the surest medium for crowns, bridges, inlays, etc.—cannot however be duplicated. It isn't Harvard, or just like Harvard, just because they call it "Harvard." The only genuine bears the Thoenbe name and sold at \$2.25, 1¼ oz. package.

L. A. & W. H. Thoenbe, Sole Agts. for U. S. A.
1513 North 13th St., Philadelphia, Pa., U. S. A.

Under trademark registered in U. S.

Our products are sold by reputable dealers.

HARVARD Cement

PROPHYLACTIC TOOTH POWDER

Prophylactic Tooth Powder

Meets every requirement of an ideal dentifrice

It will remove the *mucinate* film from the enamel without thinning the enamel. It will with the greatest ease remove the film from the gums, artificial plates, crowns, bridges or any type of artificial construction.

While there are a few seconds of very weak acidity it is followed by long continued alkalinity.

Unclean mouths and hard deposits should first receive the attention of the dentist.

Prophylactic Tooth Powder will keep clean mouths clean.

Two of the main ingredients of a tooth paste are glycerine and soap.

Soap only hardens the *mucinate* and makes its removal more difficult.

Glycerine is a good medium for cultivating bacteria.

The investigating dentist should caution his patient against the use of a paste.

The dentist who knows never uses a paste in his own mouth and consequently prescribes a powder.

Powerful germicides and medicinal agents should never be incorporated in a dentifrice.

As soon as the first teeth are erupted children should be taught the use of *Prophylactic Tooth Powder*.

Children are liable to swallow part of any dentifrice. *Prophylactic Tooth Powder* can be swallowed with impunity.

A sample can of Prophylactic Tooth Powder for personal trial will be sent to any dentist or dental hygienist. We do not supply samples for your patients.



PROPHYLACTIC TOOTH POWDER, INC.

Box 38, Station Y

New York City

Patented in: United States, Canada, England, France, Belgium, Australia, Norway, New Zealand, Sweden, Hungary, Italy, Austria.



Massage the gums —yes but what with?

There's no argument about *gum massage*. But it often falls short of producing the results desired.

In the hands of many dentists GUM RUB is yielding a new type of results in gum massage.

Gum-Rub

cleanses gums thoroughly, removing the coating that accumulates on oral surfaces. Then, the tissues cleansed, GUM RUB starts causing friction between finger and tissue.

Patients like it. It leaves mouths *feeling clean*.

Send your professional card now for clinical sample, free.

DENTAL LABORATORY
PRODUCTS Co.
Investment Building,
Washington, D. C.

Watch your foot —both of them

WHILE you don't do dental work with your feet, you'd be mighty helpless without them and it certainly isn't fair to them to keep nothing between them and the hard floor all day long.

If you sat all day at your work, it is a dollar to a doughnut that you would use a cushion on your chair, so why not be fair to your feet by giving them a cushion?

With a—

Stand E-Z Mat

at your chair, the hardness is taken out of the floor.

It is a heavy, resilient rubber cushion that takes up all the jar and hardness from the floor under it, and the top is ribbed to prevent slipping.

It assures real foot comfort. This coupon will bring you full information and prices.

O. W. Jackson & Co., Inc.,
225-251 W. 34th St., New York.

Please send me data and prices on Stand E-Z Mats.

Dr. _____
Address _____
Dealer _____

Pre
of C
M
import
a treat
oral ti
pyorrh
derived
pointed
terms b
vestigat
an
pr
As one s
"The
crushed
starts to
new lif
appearan
rophyla
esson in
MEN
Bristol -
5J West
Without cha
indly send a
ge of IPANA



Preach the gospel of Gum Massage

MODERN dentistry emphasizes more and more the importance of gum massage as a treatment for diseases of the oral tissues — gingivitis and pyorrhea. The beneficial results derived from this practice are pointed out in no uncertain terms by many of the ablest investigators.

*Gum massage is
an important factor of
preventive dentistry*

As one specialist states:

"The instant the gums are brushed properly, the blood starts to flow more rapidly and a new life and color make their appearance. After a thorough prophylactic treatment and a lesson in mouth-brushing it is

not unusual to see the tissues lighten in color, possibly two or three shades in twenty-four hours."

It is realized that massage of the oral tissues is the most effective method of overcoming the harm done by the coddling effect of our modern soft diet, which deprives the gingival tissues of the healthful frictionizing that a diet of rough, coarse food would yield to them.

Proper use of the tooth brush includes brushing of the gums. Teaching a proper method whereby this is accomplished is an accepted routine in many dental offices. The technique is not difficult for the patient to learn, and such instruction is indeed a splendid service for the dentist to render.

THE ziratul content of Ipana Tooth Paste makes it particularly useful as a supplement to massage in toning and restoring softened gum tissue. Many dentists regularly use Ipana in their work at the chair and in teaching their patients the correct technique of gum massage.

MEMO to: Name D.D.S.
 Bristol-Myers Co.,
 65 West St., N. Y. City Address
 Without charge or obligation
 kindly send a professional pack-
 age of IPANA TOOTH PASTE. City State

H

H



"... There's something about that chair in his office that invites your mind away from the operation. You know you're in a dental office, but it seems different."

That Something Different

From foot plate to head rests, the New Improved Peerless Harvard Chair is distinctive. In designing it, the comfort of the patient was considered a most vital factor, and improvements have been made with this thought in mind—yet always in conjunction with an added ease of operation for the dentist.

Ask your dealer to demonstrate the Harvard, or ask us about it

The
HARVARD
Company
CANTON, OHIO

D
cause
arche
opme
ness

Dr
teeth

He
upon
exerc
diet.
foods

Gr
delici
and r
Grap

Gr
value
esses,
food
and v
with
ration

POST

Ana

Moistu
Ash . .
Protein
Fat (et
Fibre .
Carboh
fibre .
(M
Calories

"...one of the most common causes of malocclusion"

DR. LANDIS H. WIRT says: "I believe most orthodontists will concur in the assertion that one of the most common causes of malocclusion is the deficient development of the dental arches *through want of proper exercise in chewing* . . . Arch development depends largely on a diet of sufficient hardness and toughness to require vigorous mastication."

Dr. Wirt says further that such a diet will "raise the tone of the teeth themselves and their investing tissues, in adults."

Here are facts which dentists everywhere are striving to impress upon their patients. Unfortunately, foods which afford "proper exercise in chewing" are seldom included in the average modern diet. You, no doubt, often find it necessary to suggest specific foods. Do you mention Grape-Nuts?

Grape-Nuts is made from wheat and malted barley. Its crisp, delicious, golden kernels induce the most thorough mastication—and make mastication enjoyable! In millions of American homes, Grape-Nuts is a favorite food, with both adults and children.

Grape-Nuts makes contributions to nutrition which are of great value from the dentist's viewpoint. Because of special milling processes, valuable elements of the original grains are retained, and the food thus represents a good source of phosphorus, iron, protein, and vitamin-B, in addition to supplying carbohydrates. Combined with whole milk or cream, Grape-Nuts is an admirably balanced ration, very easy to digest.

POSTUM CEREAL COMPANY, Inc., Dept. O. H. 12-26G, Battle Creek, Mich.

If you live in Canada, address Canadian Postum Cereal Co., Ltd.

Dept. O. H. 12-26G, 45 Front Street East, Toronto 2, Ont.

Analysis of Grape-Nuts

Moisture	1.3%
Ash	2.0%
Protein	11.9%
Fat (ether extract)	0.6%
Fibre	1.7%
Carbohydrates other than fibre	82.5%
(Maltose, 17%)	
Calories per ounce	105

© 1926, P. C. Co.



Upon request, we shall be glad to send you a special gift package—containing a package of Grape-Nuts, together with samples of other Post Health Products, which include Instant Postum, Post Toasties (Double-thick Corn Flakes), Post's Bran Flakes and Post's Bran Chocolate.

Benefits deferred

ONCE you have become acquainted with a new method, or a new material, do you not wonder why you permitted doubt, or procrastination, or both, to deprive you of its new-found benefits?

There is the thought that gold is gold—that, if the maker be honest and competent, one dental gold is like another, as two fresh eggs resemble each other, or two bottles of fresh, pure milk. But this is not true.

Different metallurgists, searching to create new formulæ for dental golds, will each express his own individuality, his own special knowledge or inspiration in the formulæ he composes.

McLaughlin golds are McLaughlin golds. That seems a queer statement but it conveys the meaning that they bear the *individuality* of Dr. McLaughlin, who has worked as a dentist and manufacturer with every type of dental gold for thirty years. He believes his experience in this field, virtually a lifetime devoted to it, has enabled him to devise formulæ for dental golds which yield new qualities in the operator's hands.

Many dentists are glad of course that they took the trouble to investigate McLaughlin Golds. To do so yourself, you need only send this coupon or your card.



DENTAL GOLD SPECIALTIES

178 West 180th Street,

New York

Please send details, no obligation.

OH-12

Dr. _____

Address _____

Dealer _____



Medical Science Again Recommends Soap As Best

Strong endorsement of soap in a dentifrice may be drawn from the bulletin (Vol. VI, No. 12) of the American Society for the Control of Cancer.

Here is what the bulletin says;

"The most potent cause (of cancer of the mouth) is bad teeth. . . . chemical disinfection of the teeth is an impossibility, and harm may result from the constant use of irritating chemical tooth pastes."

"*Soap is the best aid to the tooth brush* in mechanically removing particles of food, masses of bacteria and mucus from the teeth and recesses of the mouth."

The principal ingredients of Colgate's Ribbon Dental Cream are a mild, vegetable-oil soap, and precipitated chalk, the two ingredients that modern authorities know are best. Colgate's contains no harmful drugs; no harsh chemicals.

In case you have not yet received the Bunsell Research Bulletin Nos. 1, 2, 3, and 4, we will be glad to mail copies on request.

*Address Dental Dept. 946, Colgate & Co.,
581 Fifth Avenue, New York.*



JIFFY TUBES

Build the filling *from* the apex, eliminating air-cushions. Ask your dealer or Lee S. Smith & Son Mfg. Co., Pittsburgh, U. S. A.



For A Few Cents—This Difference

22 Kt. Gold Crowns, each with a definite and natural contour—a feature found in no other ready-made crown—for only a few cents more than the actual cost of the gold. Beautifully shaped and easily shaped to conform to bite and contour.

REYNOLDS' CONTOURED GOLD CROWNS

Write for information and prices.

S. H. REYNOLDS SONS CO., 100 Boylston St., BOSTON, MASS.

Modern Methods in Dentistry—No. 3

Well known specialists, including those in charge of dental clinics for big corporations, prefer the Pentz, keenly aware of its utility and its time-saving features.

The Pentz is not only a sterilizer but a *unit*—six instruments in one, and unexcelled.

In the Pentz, vegetative bacteria is destroyed on instruments in one minute and dressings of twelve layers one and a half minutes by steam $2\frac{1}{2}$ times hotter than boiling water.

Boil in the same sterilizer if you prefer; you may also heat nearly a pint of cold water to boiling point in less than two minutes for modeling compound impressions and other uses. It is also a superior wax eliminator and drying oven.

Don't hesitate—buy now. The cost is very low and the outfit will last for years. Our references are the best guarantee that can be asked for.

The Pentz System—since 1912. Investigate for yourself; don't take hearsay testimony.

Here is a Pentz in a sterilizer room of one of New York's leading dental specialists—known throughout the U.S.A. and abroad. The Pentz has been used by him exclusively since 1915.

(See our advertisement in September and November ORAL HYGIENE.)



SANTISEPTIC MFG. CO.,
15 Beach St., Stapleton, S.I., N.Y.

Please send data to:

Dr.

Address.

Dealer.

Dent
their
septic
is far
soluti
is an
anesth
and g
that p
tissue
so tha
Waite
metica
form.

THI

Foreign
Agents
"Carpe
product
Cook L

ting
e S.
S. A.

ence

WNS

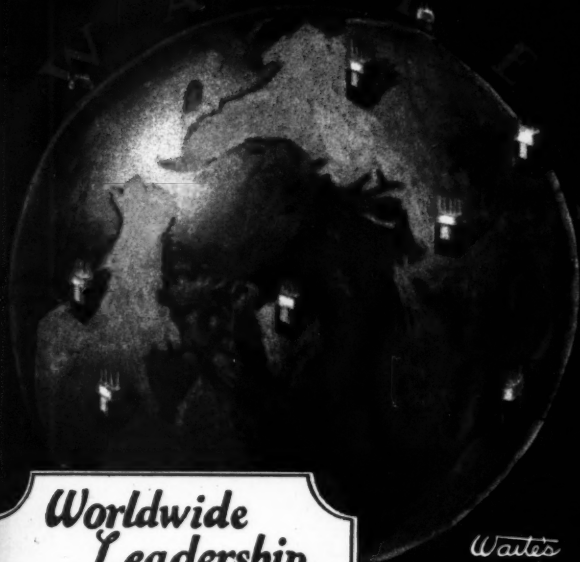
MASS.

O. 3

ics for
its time-

in a ster-
e of New
ental spe-
throughout
abroad.
been used
ely since

r adver-
in Sep-
nd Nov-
RAL HY-



Worldwide Leadership

Dentists in all the foreign countries agree with their brothers in America that Waiter's anti-septic base, Ortho and Para Mono-Iodo Phenol, is far superior to any ordinary salt or Ringer solution. They have learned that Waiter's base is an anesthetic in itself that enhances the anesthetic powers of the Procaine or Cocaine and gives a quicker anesthesia—an antiseptic that prevents after-pains or soreness and heals tissue—a stabilizer that preserves the anesthetic so that it is pure when they use it.

Waiter's is put up in bottles, convenient hermetically sealed ampules—and in "Carpule" form.

MADE BY

THE ANTIDOLOR MFG. CO.

80 Main St. Springville, N. Y.

Foreign { The Dental Mfg. Co., Ltd., London

Agents { The Australian Drug Co., Ltd., Sydney

"Carpule" is a technical trade-mark identifying products manufactured by or under authority from Cook Laboratories, Inc., Chicago, U. S. A.

Waiter's

ANTISEPTIC
Local Anesthetic

Waiter's
in ampules,
bottles
and—



Now

Waiter's



in
"carpule"
form

Why Dentists Approve it

removes Film

83% of the dentists in a recent survey favored removing plaque from teeth by emulsifying it with a dentifrice made with a soap base and were opposed to removing film by abrasive action.

Because Waite's Anti-py-o Dental Cream removes the film by emulsification, with an anti-septic lather that penetrates the hard-to-get-at places other dentifrices don't reach, and contains 20% alcohol, which is the world's greatest solvent, it is the kind of dentifrice most dentists approve.

Large tube sent upon receipt of your professional stationery.

MADE BY
THE ANTIDOLOR MFG. CO.
80 Main Street Springville, N. Y.
The Dental Mfg. Co., Ltd.
London, Eng.
Australian Agents
The Australian Drug Co., Ltd., Sydney



FILM SHOULD BE REMOVED BY
EMULSIFICATION JUST AS SOAP
AND WATER REMOVES GREASE
FROM A DINNER PLATE

Waite's

(ANTI-PY-O) DENTAL CREAM



DR. GEORGE B. WINTER'S NEW BOOK

This is to announce the completion
of an original and creative work by
the author of "Exodontia."

The book

The new volume, "Principles of Exodontia as Applied to the Impacted Mandibular Third Molar," is the result of ten years' research by a practical specialist whose experience extends over a period of twenty years. It is an invaluable contribution to dental literature.

The author

GEORGE B. WINTER, D.D.S., F.A.C.D., St. Louis, Mo., author of "Exodontia"; professor of Exodontia at Washington University School of Dentistry; former teacher of Exodontia in Maxillo-Facial Surgery Section of U. S. Government School, organized during the World War.

"The Principles of Exodontia as Applied to the Impacted Mandibular Third Molar."

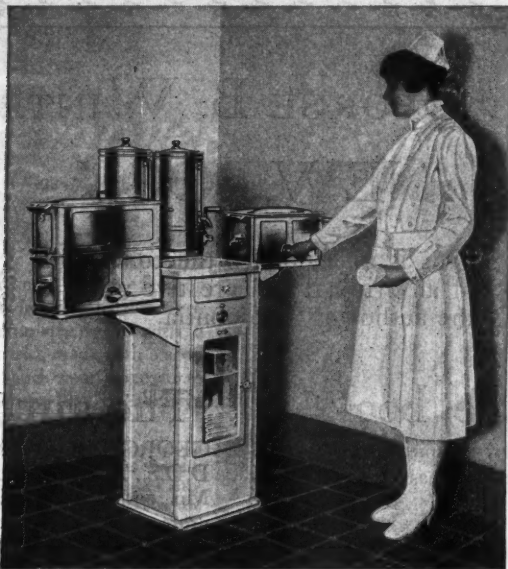
AMERICAN MEDICAL BOOK Co.,
914 Pine St., St. Louis, Mo., U.S.A.

Please send information regarding Dr. Geo. B. Winter's new book.

Name

Address

(Foreign Country)



Leaving Nothing to Chance Or the Imagination

Sterilizing where the patient can see it done creates an atmosphere of confidence and security in itself worth the price of the Sterilizer.

In addition, there is no doubt in your own mind of complete freedom from the dangers of infection.

The *Lincoln Model Unit* goes a long way in making this correct impression. Not expensive, either — you can build it up gradually, one Sterilizer at a time.

Details gladly mailed, without obligating you.

PELTON

Indestructible Sterilizers

THE PELTON & CRANE COMPANY — DETROIT, MICHIGAN

15 S

Price
50c

Your car
will not
A. E. F.

of

han
the
ca

Th

NEW
P. C.

Free to Dentists

You will find an interesting sample offer on page 2389

Read IT

KONDON'S

CATARRHAL JELLY

15 Sticks

Price
50c



DR. PECK'S

Improved
INLAY WAX

It is not *Poor Technique* that causes a poor fitting inlay, at the *Gingival Margin*. It's the *contraction of the wax pattern*.

Your card will bring you a free trial of Dr. Peck's Inlay Wax, which will not *contract* when used as directed.

A. E. Peck Mfg. Co. 1415 So. Western Ave. Los Angeles, Cal.

Jacket Crowns

of OUTSTANDING CHARACTER

Made to
harmonize with
the individual
case Anteriors

\$6.00



Exquisitely
carved, beautifully
blended
Posteriors

\$7.00



The J. F. AUDERER LABORATORIES

NEW ORLEANS
P. O. BOX 1486

LOUISIANA

SHREVEPORT
P. O. BOX 1492



LENNITE ATTACHMENT

Metal plates, because of the immense exertion expended in their construction, should have the teeth attached with Lennite for perfect adhesion. This, also, gives to the denture the valuable and exclusive properties of Lennite.

Advantages of Lennite

One color thruout, chemically inert, odorless, and tasteless. Can be sterilized in boiling water. Eliminates usual mouth soreness. High thermal conductivity. Is lighter, with strength of vulcanite. Repaired easily without distortion. Improves with age.

The Ohio Chemical and Manufacturing Co.
1177 Marquette St., Cleveland, O.

- ☐ Please send me complete information and advise where I can get Lennite Dentures made.
- ☐ Please send me complete information and prices on Lennite equipment as I do my own laboratory work.

Dr. _____

Address _____

City _____ State _____

OH-126

The O
1177 M

- ☐ Please
☐ Send
☐ I nov

Dr. _____

Address _____

City _____

What's In a Name?

Science and research are great teachers. The older we grow, the wiser we become in our respect for experience and reputation. The years have brought the staunchest security and satisfaction for users of



NITROUS OXID and OXYGEN

The Pioneers & Specialists in Anesthetics

The Ohio Chemical & Manufacturing Co.
1177 Marquette St., Cleveland, Ohio

New York
Boston
Dallas

Chicago
St. Louis
Detroit

Cincinnati
Birmingham
Minneapolis

The Ohio Chemical and Manufacturing Co.
1177 Marquette St., Cleveland, O.

- ☐ Please send, without charge, articles on Nitrous Oxid-Oxygen anesthesia.
☐ Send description and prices of various gas machines.
☐ I now use Nitrous Oxid and Oxygen.

Dr. _____

Address _____

City _____ State _____

OH-126

Bacteria Count of 3 Billion per c. c. Reduced to "no growth"

Recent test shows Kentos to be a powerful pyostatic and bactericide for the control of Oral Sepsis and Mucosa Infections

The mouth secretions of a typical progressed Vincent's Angina and Pyorrhea Alveolaris, showing bacterial counts of three billion (3,000,000,000) per cubic centimeter, were reduced to less than 9,000 with 5% Kentos No. 1 after a three minutes wash—and the count was *completely reduced* to "no growth" when used pure and in the presence of the most favorable media and general conditions conducive for culture.

Kentos is not a curative for any lesion—it is offered as an effective reagent for the subsidiary control of oral sepsis of any nature since it possesses a strong bactericidal property in the presence of saliva against B. Tuberculosis; B. Diphtheriae; Vincent's Flora; the Streptococ-

cus; the Pneumococcus Group and the Pyogenic Organisms.

The Kentos treatment which is the result of more than twenty years of research in the laboratories of the Dentist's Pyorrhea Association is offered to the profession only after hundreds of practical tests have proved its efficacy. The treatment includes professional services in the chair with Kentos No. 1, followed by home treatment by the patient with Kentos No. 2 which *must be prescribed by the doctor.*

The complete technique together with interesting case history and a sample bottle of Kentos will be mailed to dentists on request. Please enclose 10 cents to cover part cost of mailing. Kentos Laboratories, Dept. 12, 510 W. Sixth Street, Los Angeles, California.

A letter
chine is
prospective
what he
should he
Here's on
genic sta
outfit wel
not noisy"
sider bein
ne."
Surely a
shing or
little mor
This poli

LE

Here's a quiet, powerful Dust Collector for every Dentist



May, 15 1926
Leiman Bros
New York City,
Dear Sirs—

As per your request of the 7th inst we are sending you photographs of our dental laboratory showing in use now the Polishing Dust Collecting Outfit purchased from you. From a hygienic standpoint we consider this outfit well worth the cost. It is not noisy and has been satisfactory in every respect, in fact would not consider being without the services of one. Thanking you we are
Sincerely yours,

A letter from a user of any machine is always interesting to a prospective user because it shows what he may reasonably expect should he in turn become a user. Here's one that says, "from a hygienic standpoint we consider this outfit well worth the cost. It is not noisy" and then "would not consider being without the services of one."

Surely anyone interested in polishing or grinding could ask for little more. Yet there is more. This polishing dust collector not

only relieves you of the annoyance and the danger of the dust but it makes it possible to recover the gold—if you polish on gold—which is removed in the polishing operation—it holds this gold laden dust inside in the cloth bag and water bath and it is easily recovered.

If you are using a polishing or grinding motor now, you can place it on this bench top between the dust suction hoods, which are adjustable and your trouble is over. There is a suction motor inside.

OUR ILLUSTRATED CIRCULAR IS FREE

LEIMAN BROS.

23 WALKER STREET
NEW YORK

Makers of Good Machinery for 35 Years

Among the long list of dental cements there is one outstanding cement upon which you can always depend as best for all classes of permanent work—

FELLOWSHIP CEMENT

Yellow, Light Yellow, Pearl Gray, White or Golden Brown as desired.

One color box.....\$1.25

(Six for) 6.00

Large box containing six double portion powders and six double portion liquids..... 8.00

For a limited time, this University Slab, just the correct size and of best quality clear plate glass with beveled edges, will be given you free with an \$8.00 purchase of Fellowship Cement.



At Your

Nearest Dental Dealer

University Slab

THE DENTAL PROTECTIVE SUPPLY CO.

Marshall Field Annex Bldg.

Chicago, Ill.

Thirty Years is a Long Test

For thirty years ALKALOL has been employed by the dental profession, in treating eye, ear, nose and throat.

We are always pleased to furnish sample to the profession.

THE ALKALOL COMPANY

Laboratory at
TAUNTON, MASS.



Successful Anesthesia in Dental Surgery

Any patient may be anesthetized with nitrous oxid and oxygen by the McKesson Apparatus. Why? It has the necessary pressure and mixture control.

Write for catalogue No. 15, and reprints of articles for full details.

TOLEDO TECHNICAL APPLIANCE CO.

TOLEDO, OHIO, U.S.A.

NEW TREATMENT for Desensitizing Dentine— better than Silver Nitrate

The following quotation from a letter from Dr. G. O. Burlew, Newark, N. J., forwarded to us by The West Company, 1117 Shackamaxon Street, Philadelphia, manufacturers of West's Dry-Foil, reports a new way of applying our Calcifying Tooth Paste, ACIDENT in treating hypersensitive dentine:

"Last week I had a patient whose teeth were very sensitive, so much so that she could not brush them or bear anything sweet. I pasted a liberal smear of ACIDENT on the most sensitive surface and covered with Dry-Foil which she left on for three hours. At the very next visit she said the teeth felt comfortable and I rubbed a steel instrument over the sensitive spot and she did not feel a thing.

"The Dry-Foil is certainly fine for this work. I formerly used Silver Nitrate but like ACIDENT much better as it whitens the teeth and does not stain like the Nitrate.

"Would like you to put Dry-Foil in the hands of every dentist in the country."

Thousands Saw the Proof at the Seventh International Dental Congress

That the above results are obtained by calcification of the *organic structure* of the dentine was demonstrated to thousands of dentists who attended our exhibit at the Seventh International Dental Congress.

**For further information write for Special Research Report:
"THE DENTO-ENAMEL JUNCTION"**

.....
W. M. RUTHRAUFF COMPANY—DEPT. 2-12-6
1423 VINE ST., PHILADELPHIA, U. S. A.

Please send copy of Special Report on "Dento-Enamel Junction" and samples of ACIDENT, for trial.

Name.....

Address.....

City.....



To lay a Log of Wood upon the Fire
To dress the Fir Tree in its Gift attire
To sing Old Carols of the Savior's Birth
To fill all Hearts with Happiness and
Mirth

To Symbolize the Day with meanings
True

To wish your Neighbor what we wish
for you

A Good
Old-Fashioned
Merry Christmas

The

Medical Protective Company

of

Fort Wayne, Indiana

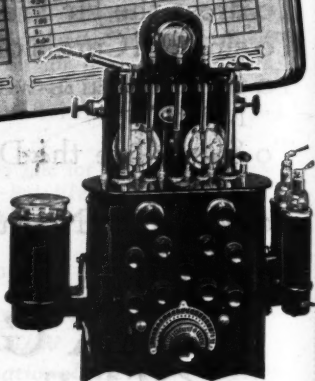
Look at THIS

for a schedule

TIME, your most valuable asset, if not conserved in dental office procedure, becomes an economic waste that cuts profits and increases overhead.

250 to 300 hours annually may be saved by the use of Ritter Unit appliances. Efficiency pays handsome dividends.

The Ritter Unit has individual character. It has been scientifically developed to eliminate lost motion. You do not turn from your field of operation. Appliances needed in modern dental technique are brought to your hand under one control.



Look at the pages above. They typify what your every-day schedule might be if you used a Ritter Unit in your practice.

Let us tell you how a Ritter Unit cuts down overhead.

Ritter

ITTER DENTAL MANUFACTURING COMPANY INC. ROCHESTER, N.Y.

Name _____ Address _____

None of the stickiness—none
of the drugginess—none
of the bite



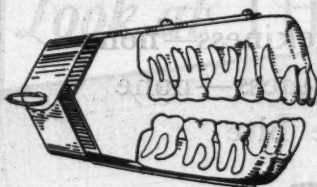
Never in paste
form because
we don't be-
lieve glycerine
is good for
gums.

REVELATION Tooth Powder, on the dampened brush becomes a homogenous composition—yet it isn't sticky, for the composition on your brush has been formed of the pure Revelation powder, and water. In the mouth there is no druggy taste, no bite—no sensation of having bitten into a pill!

Yet Revelation—free, too, from grit—cleanses remarkably, so well in fact that many dentists use it in preference to pumice for prophylaxis.

And, by virtue of its carefully compounded formula, Revelation reacts beneficially on gum tissue, aiding in keeping gums firm and healthy.

Revelation has, in thousands of cases, come to be the dentist's own dentifrice. Its friends in the profession remain loyal because they *like* it. They prefer Revelation to the numerous other dentifrices, samples of which are continually being sent them. More than two million cans of Revelation are sold yearly—almost entirely through dental recommendation. Your professional card will bring a free full-size can for your personal test. AUGUST E. DRUCKER Co., 2226 Bush St., San Francisco, Cal.



Perfect Reproduction

The Typodont has a place in every dental office. In producing all models of the Typodont, the individual teeth were carved with every care. For the close student of Dental Anatomy the Typodont is invaluable. Ask your Dealer to show you all three models.

Lee S. Smith & Son Mfg. Co.
Pittsburgh, U. S. A.

Will you make this test?

Thousands of dentists have tested X-IT in practice, and found it an excellent remedy for Pyorrhea and other gum troubles. We would like your opinion, and will gladly send samples for a clinical test.

REG. U. S. PAT. OFF.



X-IT LABORATORIES, Inc.
235 E. 42nd St. New York City

And now the Phareson Jr.

dental furnace at very attractive prices.

Inquire at your dealer or write—

F. R. Phare & Son
1646 Ridgely St.
Cleveland Heights, Ohio

Once
around the
clock with



VELVO PHENOX

in the cavity—and you can obtund the most sensitive dentine. The patient won't feel it! Dentists who have used Velvo Phenox for long years know what a treasure it is. Your card or the coupon brings details.

VELVO DENTAL SUPPLY CO.
219 East 34th St., New York.

Please send sample.

Dr. _____

Address _____

Dealer _____

Try _____ 'em



ELDEM GOLD FACINGS

For Plates and Bridges

Used instead of porcelain teeth on vulcanite plates and in bridgework to give the effect of gold crowns. They are stronger than porcelain facings and may be reinforced with solder.

Illustration shows lingual side of Eldem Plate Facing. Backing and flap for rubber attachment are made of 20-K gold.

Ask your dealer or write us.

LINCOLN Dental Mfg. Co.

1726 Sansom St. Philadelphia, Pa.

STOPS MOUTH BREATHINGAids in the treatment of
MALOCCLUSION**The CORRECT BREATHER**

A scientific appliance that quickly overcomes mouth breathing. Of light, washable, net-like fabric and elastic construction. Safe and comfortable. Worn at night with or without elastic mouth piece. Fully adjustable. \$4.50 per appliance direct. Infants, Youths and Adult sizes. (Also special appliances for Open Bite, Mandibular Retraction and Thumb Sucking, \$4.50 each.)

THE HEALTH APPLIANCE COMPANY, 12432 Superior Avenue, Cleveland, Ohio

The Patient Should Have Professional Advice About Tooth Brushes

IT is not for us nor anyone else to determine the kind of tooth brush your patients should use. It is just as important that you do this as it is for a physician to prescribe the medicine or treatment for his patients.

The Dr. Butler Tooth Brush

is not Nationally advertised but thousands of them are being used upon advice of dentists who have found that the two rows of bristles, set in a narrow head and having a practically straight brushing surface, will reach all surfaces of the teeth, and that the sturdy handle permits of the necessary pressure for scrubbing.

If you have never tried a Dr. Butler Brush, fill in and mail the coupon and we will send you one so that you may judge for yourself as to whether or not it is the proper brush for your patients.

DR. JOHN O. BUTLER,
1180 E. 63rd St., Chicago, Ill.

Enclosed twenty cents (20c) to cover cost of packing and mailing sample brush for testing or personal use only.

Dr. _____

Address _____

Dealer _____



Porcelain Work



It is the earnest purpose and endeavor of the Lochhead Laboratories, Inc., to give to the Dental Profession and their patients the greatest satisfaction possible in Ceramic Dentistry.

PORCELAIN INLAYS, made by employees of long experience.

GOLD INLAYS, carved and cast with the greatest care and delicate carving.

PORCELAIN JACKET CROWNS, special attention given to every case by the same experts who have caused an ever increasing demand for their crowns.

Co-operation by the Dentists to the extent of giving us good impressions of correctly prepared teeth will insure the most pleasing results.

Our new literature on request.

The Lochhead Laboratories, Inc.

New York, N. Y.
115 West 45th St.

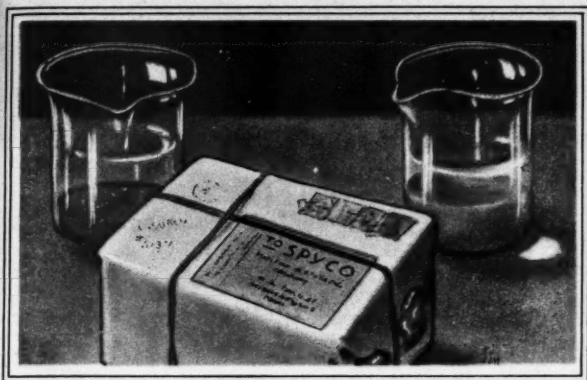
Los Angeles, Cal.
512 Hillstreet Bldg.

Boston, Mass.
120 Boylston St.

Chicago, Ill.
25 East Washington
Street

Cincinnati, Ohio
18-20 West Seventh
Street





{ Palladium and platinum
in precipitate form }

WE WILL RECOVER YOUR PLATINUM AND PALLADIUM

DON'T you think that now, just before the Holidays and the New Year, is an excellent time to clean out your scrap drawer and send in the contents for refining? There is money in that drawer and you are entitled to every penny of it.

Simply wrap up your scrap gold and send it to us. Or you can ship it through your dealer if you prefer.

{ OVER }

BE · SURE · TO · SPECIFY · TINKER · GOLDS

SPYCO · SMELTING · AND · REFINING · COMPANY

Platinum and palladium invariably occur in dental filings, bridges, ingots and wire. The amounts of precious metals in your scrap can only be determined by careful assaying and refining.

We Give Full Allowance

When you send your scrap gold to us for refining you receive full settlement for the platinum and palladium contents as well as the gold and silver. Returns may be had in new precious metals or cash. Through your dealer if you wish.

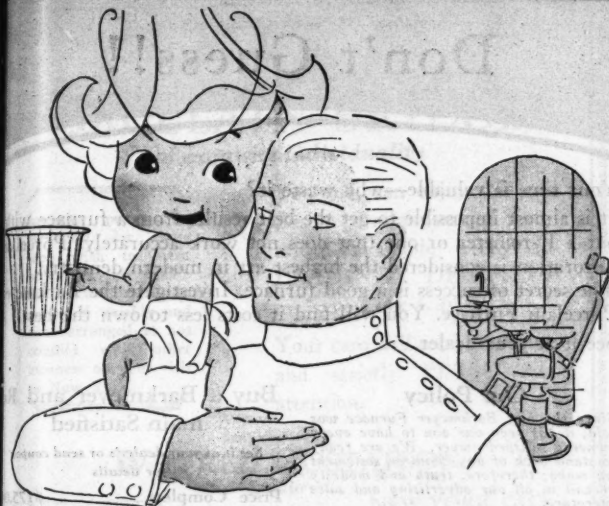
It is not profitable to send your scrap to any but an assaying and refining company. Our work is accurate and our settlements are prompt. If you do not receive allowance for the platinum and palladium in your scrap you are losing money that belongs to you.

We still have a few copies of E. T. Tinker's treatise on "Fixed Bridgework." Just send your name and address and we will send you a copy free.

Allow us to wish you the Merriest of Christmases and a Happy and Profitable New Year.

SPYCO SMELTING & REFINING CO.
51 SOUTH THIRD STREET
MINNEAPOLIS MINNESOTA

BE · SURE · TO · SPECIFY · TINKER · GOLDS



Play Santa Claus

YOU could not begin to think of a Christmas gift for each of your patients—why not “play” Santa this way:—

Install **LILY Drinking Cup Service**—a clean, crisp, 100% sanitary cup for each patron instead of a wet, messy, rinsed-after-every-operation-glass. Wouldn't **LILY** make a real, practical, and lasting gift **OF SERVICE?**

At several for a cent, **LILY** Cups provide the most economical way of winning the good-will of your patients—all-year-round as well as at **XMAS** time. Let us make you a gift of a sample package of **LILY** Cups.



A GOOD MOVE TO MAKE

Write your dental supply dealer's name on back of your card and mail to us today for a generous sample supply of **Lily** Cups.

Public Service Cup Company

Bush Terminal 20—2nd Ave.—41st St.

Brooklyn, New York

Your time is valuable—why waste it?

It is almost impossible to get the best results from a furnace without a Pyrometer or one that does not work accurately. Porcelain restoration is considered the highest art in modern dentistry. The secret of success is a good furnace. Investigate the Barkmeyer Porcelain Furnace. You will find it costs less to own the best. See it at your dealer.

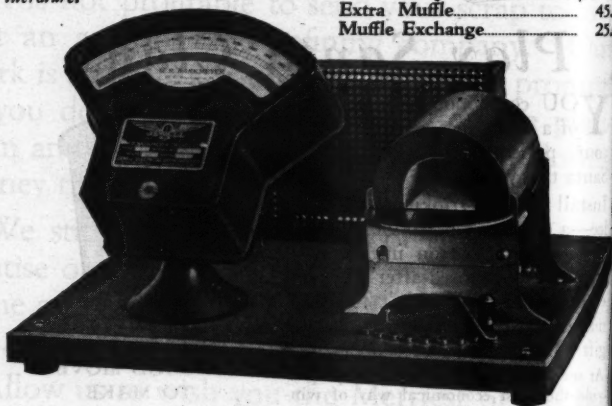
Our Policy

Since the first Barkmeyer Furnace was sold, it has been our aim to have every owner a satisfied owner. We are ready to stand back of any claim or statement we make; therefore, truth and modesty prevail in all our advertising and sales literature.

Buy a Barkmeyer and Remain Satisfied

See it at your dealer's or send coupon for details

Price Complete	\$175.00
Extra Muffle	45.00
Muffle Exchange	25.00



THE BARKMEYER ELECTRICAL LABORATORY,
549 West Washington Blvd., Chicago, Ill.

Please send details.

Dr. _____

Address _____

Dealer _____

ORAL HYGIENE

"Dental Porcelain for the Critical Practitioner"

JACKET CROWNS and PORCELAIN BRIDGES

of exquisite individuality

Intensive private instruction for those who wish to learn porcelain. My simplified technique can be mastered quickly and time arranged to not conflict with other business on your visit to New York.

You too, can enjoy this exclusive porcelain service, heretofore available only to **LEADING DENTISTS** in New York City.

Your case will receive prompt and strictly **PERSONAL** attention.

WILFRED GUSTAFSON

Studio at

18 East 53rd St.

NEW YORK CITY

Isn't
it
the
truth?



**McCormick's
Blended Pink**

used in connection with any shade of McCormick's Base Rubber makes an ideal denture.

When you have just completed a denture and show it to the patient, the first thought is not of perfect fit, comfort or wearing qualities—that first thought is appearance. And the appearance depends upon the veneering and the dental rubber used.

McCormick's Blended Pink

"The Pink of Perfection"

has always given satisfaction to both the dentist and the patient.

Order a $\frac{1}{4}$ lb. box from your dealer, \$2.75

E. J. McCORMICK RUBBER CO., Passaic, N. J.

IF IT WERE TRUE that all Golds are as alike as two peas, there would be no need to specify the makers name. But there is a difference. No need to grope in the dark. You can be safe, and at no extra cost, by saying "Send me Hoods Golds."

JOHN HOOD COMPANY
178 TREMONT ST., BOSTON

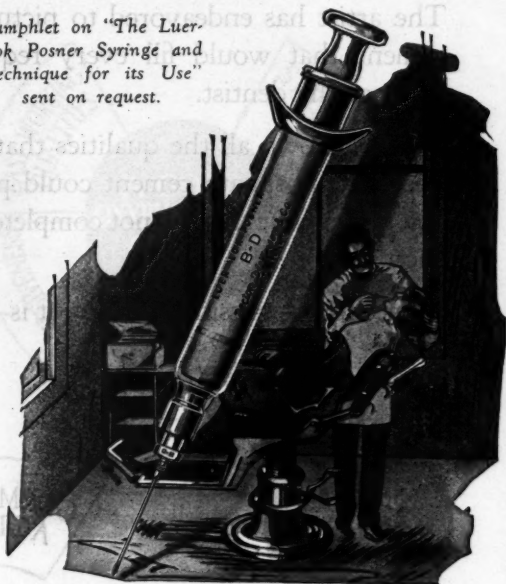
YOU WOULDN'T buy anything else without specifying the maker's name. Why take risks with Golds, which play such important roles in the theatre of the mouth? Why not say, "Send me Hoods Golds?"

B-D PRODUCTS

Made for the Profession

The Luer-Lok Posner Syringe and B-D
Platinum-Iridium Needles make local
anesthesia safe and easy

Pamphlet on "The Luer-
Lok Posner Syringe and
Technique for its Use"
sent on request.



SOLD THROUGH DEALERS

BECTON, DICKINSON & COMPANY
RUTHERFORD, N. J.

Makers of Luer Syringes, Asepto Syringes, B-D Water Syringes, Dental
Needles, Chip Blowers, Sphygmomanometers and B-D Thermometers.

WHAT is wrong

The artist has endeavored to picture a cement that would fill every requirement of the dentist.

He has shown all the qualities that the best oxyphosphate cement could possibly possess but they do not complete the picture.

Something is missing and here it is—

**SMITH'S
COPPER
CEMENT**

**GERMICIDAL
ACTION**

Place this in the center
and—

This will complete
picture.

Lee S. S.

Sharpsbu

Please

Dr.

Address

Dealer ...

romith this picture?

(Answer on Opposite Page)



Testing samples of Smith's Copper Cement are always available.

OH-12

Lee S. Smith & Son Mfg. Co.
Sharpsburg Sta., Pittsburgh, Pa.

Please send me testing samples of Smith's Copper Cement.

Dr. _____

Address _____

Dealer _____



COREGA
The Perfect Powder for Dentures

<p>The years have woven a close companionship between this Company and its many friends in the profession.</p>	<p>May your Christmas be one of Joy and the New Year full of Health, Happiness and Prosperity.</p>
--	--

COREGA CHEMICAL CO.
 CLEVELAND, OHIO
 AND MONTREAL, CAN.

Indiv
 Made by
 DEAD th
 Enthusia
 an individ
 for ever
 be both
 e breaki
 e offer h
 tients, a
 d long v
 Use the
 ed reme
 e your s
 eason you
 mply ret
 ed and f
 ount w
 upon no
 VALLI
 Spr
 st Only
 One f

Free "get acquainted" offer



*This Sanitary Glass Jar Container
sent absolutely free with first order for*

WALLBROS

Individual Paper Saliva Ejectors

Patented October, 1923

Made by the makers of the famous WALLBROS
Hypodermic Needles

READ the fifteen reasons why Dentists are so enthusiastic about this successful improvement. An individual, fresh, clean, convenient saliva ejector for every patient—so cheap you cannot afford to be bothered with the cleaning—the sterilizing—the breaking of old style repulsive ejectors. This offer has given thousands of Dentists, and their patients, a personal introduction to this inviting and long wanted improvement.

Use the convenient coupon—remember this—we guarantee your satisfaction. If for any reason you are not 100% satisfied, simply return what you haven't used and full credit for the entire amount will be given. Mail the coupon now.

WALLBROS INC.
Springville, N. Y.

Only 1½c Each. A Fresh
One for Every Patient.

Read these 15 features of Wallbros Individual Paper Saliva Ejectors

- 1 A clean sterile ejector for every patient—just like a paper cup.
- 2 Ends instinctive repulsion of patient against constantly used glass or metal ejectors.
- 3 Ends nuisance of washing and sterilizing glass or metal ejector, and nuisance of forever breaking glass ejectors.
- 4 Cost practically nothing—only 1½c each—so cheap you can use a fresh one for each patient.
- 5 Convenient—handy—always ready for instant use.
- 6 Cannot "hurt" by sucking up soft tissues.
- 7 Bends easily to fit deep or shallow mouth—adult or child.
- 8 Waterproof—will not leak, soften or lose shape.
- 9 Light as a feather—no discomfort whatever to patient.
- 10 Reinforced with a wire coil inside—cannot collapse under suction.
- 11 Strong and sturdy—lasts the length of any dental operation.
- 12 Cannot clog or plug up.
- 13 Clean, sterile, individual—impresses and pleases your patient.
- 14 Special holder packed in every box—attaches to cuspidor hose instantly.
- 15 Made scrupulously clean, sterilized and sealed in dirt-proof packages.

Please send through the Supply House specified, the items checked below:

.....Special Introductory Offer of 2 boxes
(200 each) WALLBROS Paper Saliva Ejectors
@ \$5.00 with Glass Jar Container Free.
.....Boxes of 200 WALLBROS Paper
Saliva Ejectors @ \$2.50
.....Boxes of 100 WALLBROS Paper
Saliva Ejectors @ \$1.50
.....Glass Jar Container @ \$1.00

Dr.....
Address.....
City.....
Supply House

A label like this on your

year end clean up of scrap gold will help you buy Christmas gifts and pay January bills (we all get them).

FROM
L. M. Happy, D.D.S.
Anywhere
U. S. A.

FOR
GOLDSMITH BROS.
SMELTING & REFINING CO.
29 East Madison Street
CHICAGO, ILL.

Top Refiners Prices for

Scrap	Filings	Platinum
Crowns	Grindings	Old Facings
Bridges	Amalgam	Gum Sections
Inlays	Sweepings	Old Plates

Our check must please or your shipment will be returned to you intact fully insured (prepaid).

(Scrap may be sent through your dealer or direct.)

MAIL

This
a p
volu
cons
adv
wha

Special Features

A page each day with appointment spaces from 8:00 A. M. until 9:00 P. M.—Weekly Oral Examination Record—Monthly Supply Record—Daily Debit and Credit Columns—Monthly Record of Receipts and Expenditures, etc.

Size
5 1/4" x 7 1/4"

ORDER NOW - YOUR 1927 APPOINTMENT BOOK

REVISED EDITION \$1.50

With YOUR NAME
stamped in gold
on the cover

The Finest Dentist's Appointment Book

The 1927 Ready Reference Dentist's Appointment Book has been revised to meet your every requirement of an appointment and record book. It is handsomely bound in semi-flexible two-tone embossed Artcraft. Full size 5 1/2 x 7 1/2 inches. Contains 416 pages finely printed on good bond paper. With your name imprinted in gold on the cover, this appointment book is your own personal volume.

Ready Reference Publishing Co., 406 W. 31st St., New York, N. Y.

Ready Reference Publishing Co.
406 West 31st Street, New York, N. Y.

Gentlemen:

Enter my order for _____ copies of the Dentist's Diary and Appointment Book bound in Artcraft with my name stamped in gold on the cover. I enclose my check for \$_____ to cover, at the rate of \$1.50 per copy, postpaid.

Name _____

Street _____

City _____ State _____

If you prefer to pay postman on delivery, plus few cents postal charges, write your initials here _____

Through your Dealer or Direct

MAIL NOW

This diary is a personal volume and contains no advertising whatsoever.



I'm satisfied now...

I wonder how much sooner I'd have been successful... how much more enjoyment I'd have gotten from my work if I'd had this years ago. I wonder...

[The Electro Dental Unit is the only unit that really grows; the only unit with an electric bracket table; the only unit where reaching across the patient is eliminated; the only unit where the "instruments that terrify" are hidden from the patient's eye" and kept free from dust and contamination.]

Write for Catalog and Prices

Electro Dental Manufacturing Co.
Philadelphia



FREE

DURING THE
MONTH OF
DECEMBER
—1926—



A 2-lb. can of **Mynol Cleanser** with each Mynol Dispenser.

A **Cleanser** that cleanses, sterilizes and keeps the hands firm and healthy.

A **Dispenser** that actually dispenses—simple and efficient.

This **Installation Outfit** sells regularly for \$6.75, consisting of one Dispenser and a 2-lb. can of Mynol Cleanser.

During the month of December, on all orders received by us direct from dentists, giving the name of their dealer, we will bill the Dispenser at the regular price of \$5.00, sending a 2-lb. can of Cleanser without charge.

This offer does not hold good after December 31, 1926.

THE MYNOL CHEMICAL CO.

Real Estate Trust Bldg., Philadelphia

Please send Installation Outfit as advertised above, billing at \$5.00.

Dr.

Address.....

My Dealer.....

More Dentists are Talking About These Fine Teeth Than Any Other Teeth In America!



FROM the very first, thousands of far-seeing dentists predicted that Justi Ekloform teeth carvings would be the outstanding revelation of the tooth industry. They were the unrivalled hit of the International Dental Congress—the topic of discussion of many study clubs and their success has grown to proportions never before attained by any tooth manufacturer in comparable time.

Dentists who know teeth unhesitatingly call the Justi Ekloform teeth "Anatomical Masterpieces." They allow natural movement of the mandible . . . selection of thirty-two shades in coloring . . . and made with the well known porcelain.

H. D. JUSTI & SON

Manufacturers of Porcelain Teeth Since 1864

**FACTORY & SALES—32d & Spring Garden Streets
W. Philadelphia, Pa., U. S. A.**

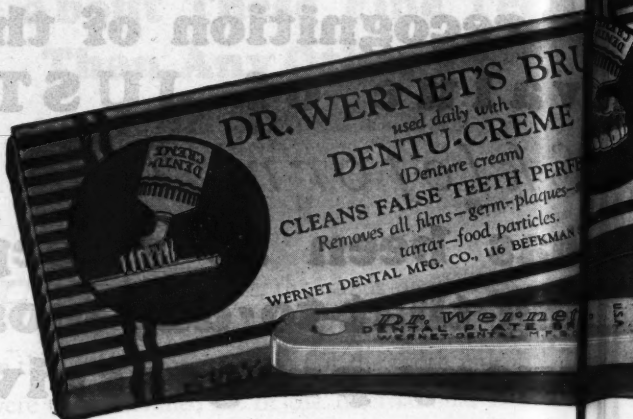
IN one year, dental
recognition of the
value of **JUSTI**
Ekloform Teeth
has been so sweep-
ing that to-day most
every progressive
dentist specifies
JUSTI



SON H. D. JUSTI & SON

Manufacturers of Porcelain Teeth Since 1864

**FACTORY & SALES—32d & Spring Garden Streets
W. Philadelphia, Pa., U. S. A.**



TRIAL TUBE

A trial tube of DENTU-CREME is now packed in each carton containing DR. WERNET'S DENTAL PLATE BRUSH.

DENTU-CREME and the BRUSH
 "Clean artificial dentures perfectly."

They do not scratch the surface or wear down the fine conformations of the plate.

Have your patients **INSIST** on a **DR. WERNET'S DENTAL PLATE BRUSH** at your druggist and advise them to use it twice-a-day with DENTU-CREME.

WERNET DENTAL MFG. CO.

116 Beekman Street



DENTU-CREME

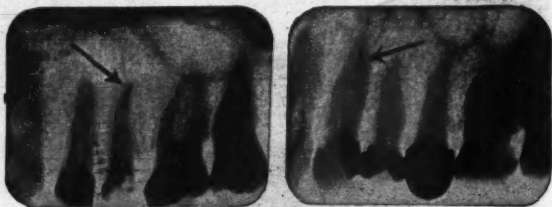
If your druggist does not carry DENTU-CREME and DR. WERNET'S DENTAL PLATE BRUSH, PLEASE write his name and address on this page and mail it to us with your card.

We will ask your druggist to stock these articles for your patients and WILL AGREE TO REFUND HIS PURCHASE PRICE on any package he cannot sell. Please tell your druggist.

LACTURING COMPANY

New York, N. Y.

Can You Afford To Use An Inferior Broach?



The prints are reproductions of original skiagraphs of actual cases; in each one a broken broach is easily discernible

A broach is a tiny instrument, and if not properly made it can cause no end of trouble. The reputation of the dentist can be made or lost with this tiny bit of steel, *it cannot be made too good.*

We started manufacture with that aim and have tenaciously adhered to that superior quality.

That we have succeeded is evidenced by the enormous demand for S. S. White Pulp-Canal Cleaners.

They follow the most tortuous canal and they clean it out, too, properly preparing the root for the work that is to follow.

It's not only the quality of the steel that assures this dependability, the design and uniform barbing of the instrument are equally important.

Every broach is individually inspected, which is a further safeguard to you.

S. S. White Pulp-Canal Cleaners

ARE SAFE AND SURE

Five Sizes

Per Dozen \$0.65 Per Half Gross \$3.50 Per Gross \$6.50

Your Dealer Will Supply You

THE S. S. WHITE DENTAL MFG. CO.

"Since 1844 the Standard"

Philadelphia



The Casting Art

Any art depends upon skill and materials.

Clean, thin, easy melting of casting gold generally results in sound, smooth castings.

Chilcast is made in a special form which makes it easy to melt. Prills (instead of rolled ingots) make melting freer from oxidation, cleaner, and quicker.

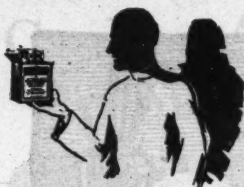
And castings made from Chilcast are dense, strong, durable. Let us send you more data about Chilcast, its various alloys, their uses, prices, and other useful information. Mail your card or a postal.

Vernon Brothers & Co.

214 Stanwix St., Pittsburgh, Pa.

Do not confuse this Company with any other company using the name of VERNON.

CHILCAST



Meets a DEFINITE *need*

An Oxy-Eugenol Silver preparation that is positively non-caustic—A sterilizer, non-conductor and absolute inhibitor of dental decay—Silv-O-Dent soothes and saves the irritated pulp. Silv-O-Dent does not stick to instruments—it does not smear—it sets hard quickly in saliva and it does not discolor. Order a package from your dealer on trial, or send this coupon. If you are disappointed in Silv-O-Dent full credit will be allowed.

T. M.
Reg. U. S.
Pat. Off.



Price
\$2.50

COUPON

THE SILV-O-DENT CO.,
17th and Alberta Sts., Portland, Ore.

You may send me a package of
SILV-O-DENT through my dealer.

Dr. _____
Address _____
Dealer _____

The Real Dope

We have it—have you?

Dandy

Deadly

Dope

A Devitalizer That Is

Painless

Prompt

Permanent

A fiber paste requiring No
Narcotic order form.



Williams' Painless Devitalizing
Paste

"From Any Dealer in Any Country"

PREPARED BY

King's Specialty Company
Fort Wayne, Indiana, U.S.A.

A Bit of Bur History

CAN you remember as far back as 1888, when bustles and high-wheeled bicycles were the style?

It was the year Cross-cut fissure Burs were invented and introduced to the dental profession by Mr. Meisinger, the manufacturer of Scharmann Burs.

This invention spread the fame of Scharmann Burs to the four corners of the earth, and the passing years have added to their popularity.

Dentists like them because they cut with less pressure, less heat and, consequently, less pain—because they cut cleaner and smoother, gentler and cooler, and more rapidly than other burs.

You, too, will like them—and their moderate prices will enable you to make considerable savings. Write for Price List.

FREE BURS—to prove their superior quality



If you will please tear out this page, write your name and address on it, or pin it to your card or letterhead, and mail it to us, you will receive three free samples together with our thanks for your courtesy.

GUSTAV SCHARMANN
1181 Broadway
New York City

If you are already using Scharmann Burs, write for our special prices on gross assortments in Oakwood and Cherrywood boxes. The saving will interest you.



Sending Scrap for His Xmas Check

TURN YOUR NEXT FEW MINUTES INTO REAL CASH by scooping up your accumulation of gold, platinum and amalgam scrap.

Pack it carefully in a heavy envelope (we'll supply special pouches on request) and send it by registered mail to us through your dealer or direct, as you prefer.

Send your
Scrap to



every month

Promptly upon receipt of your shipment we will send you our check, based on assay, holding intact your scrap until you accept our report. Or if you would prefer Jelenko Golds in exchange for your scrap, kindly designate what products we are to send.

J.F. JELENKO & CO.
136 West 52nd St. New York, U.S.A.

Front v
tached.
propelli
and the
occupier



TRUTH

—discovered through unbiased test

No thoughtful professional man accepts without question the word of another with respect to the efficacy of any recommended treatment—least of all, anything recommended for the treatment of pyorrhea, the disease which has been the target of scores of ingenious souls for many years. ¶ But—the thoughtful professional man, while not accepting blindly, does not reject blindly either. ¶ Many of this type are investigating Zipco. May we submit Zipco for your consideration? ¶ Please send your professional card as the distribution of Zipco is restricted to the profession. ¶ Zipco Tooth Powder is provided for interim use by the patient (and for regular use thereafter, as it is efficacious as a cleanser and palatable, too).

Send your card to

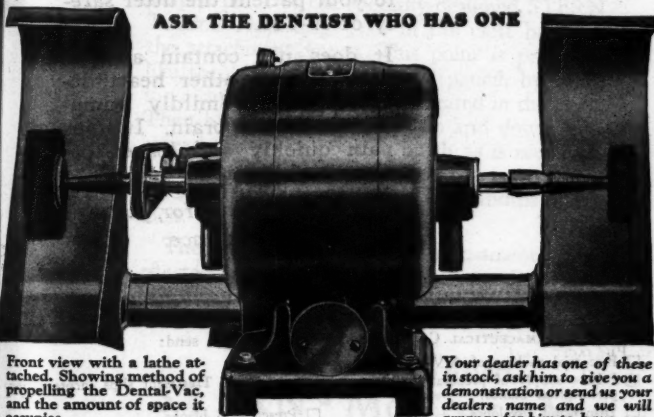
LABORATORIES OF

INTERNATIONAL PYORRHEA CORPORATION

154 EAST ERIE STREET, CHICAGO, ILL.

The Dental-Vac Dust Collector

ASK THE DENTIST WHO HAS ONE



Front view with a lathe attached. Showing method of propelling the Dental-Vac, and the amount of space it occupies.

Your dealer has one of these in stock, ask him to give you a demonstration or send us your dealers name and we will arrange for him to have one.

PRICE COMPLETE \$30.00

EDWARD HANDLER

MANUFACTURER OF DENTAL LABORATORY SUPPLIES

103-107 Monroe Street, Newark, N. J.



A-VOL

CASE

When you administer or prescribe A-Vol (Case) for post-operative pain—or to relieve fear and nervousness preceding the operation—point out to your patient the utter *safety* of A-Vol.

It does not contain aspirin, acetanilid or other heart depressants. It mildly stimulates heart and brain. It stops pain quickly and leaves patients exhilarated.

The coupon is for your convenience.

OH-26-12

(Check your request, please)

DENTAL PHARMACEUTICAL CO., HOLTON, KANSAS. Please send:

- | | |
|---|---|
| <input type="checkbox"/> Free trial package of A-VOL. | |
| <input type="checkbox"/> I have supply of preparation, please send more Home Treatment slips incorporating prescription blanks. | |
| <input type="checkbox"/> Dispensing envelopes. | <input type="checkbox"/> Prescription blanks. |
| <input type="checkbox"/> I prefer to dispense. | <input type="checkbox"/> I prefer to prescribe. |

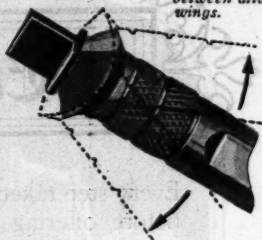
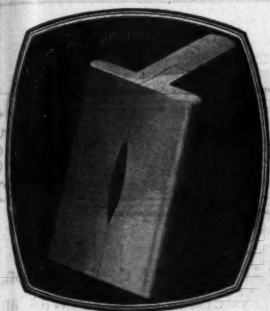
Dr. _____

Address _____

Dealer _____

Wri
Inte
Lite

I. ST



*Cutaway illustration
of STERN
Tension Adjusting
Tool shown seated
between attachment
wings.*

Easier and Precise Adjustment

THE new and unique adjustment feature of the Improved STERN-McCOLLUM Attachments, illustrated above, has been developed in response to a widespread demand for an easier way of adjusting an attachment for spring tension.

Adjustment is effected by inserting the lance-shaped point of the specially-designed STERN Tension Adjusting Tool in the cleft between the attachment wings. This point is propelled like the lead of a mechanical pencil, by turning a cap, until it is properly seated in the cleft. Then by a rocking motion, up and down, you spread the wings open as much as is required. The propelling cap is calibrated to control the extent of the adjustment by thousandths of an inch.

Write for
Interesting
Literature

The easier and precise adjustment thus effected solves a problem of long standing, and is a distinctive improvement to be found only in.

The New Improved STERN - Mc COLLUM ATTACHMENTS

I. STERN & CO. 218 WEST 40TH STREET NEW YORK

Earnest

Every step taken by the Weber organization, before offering the Weber X-Ray, was an earnest step.

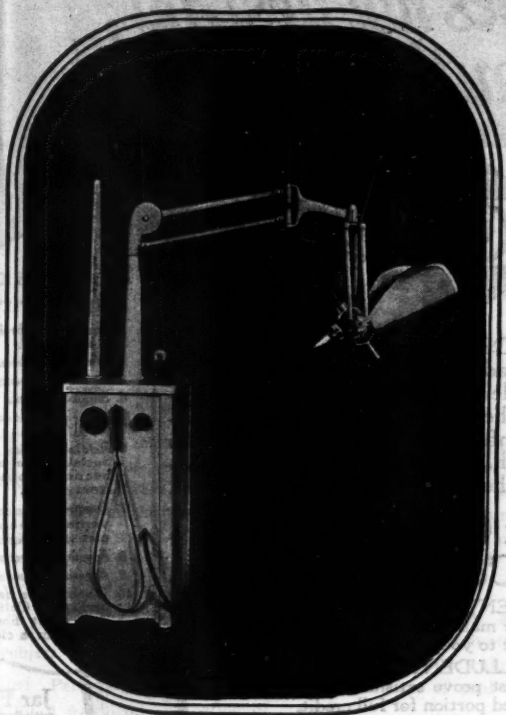
Determined to round out the group of dental equipment bearing the Weber name, the Weber Company erected a new factory building for the X-Ray department.

It organized a staff of experts wherewith to man the department. It purchased machinery for the express purpose of producing the Weber X-Ray.

The task was in every phase earnestly undertaken. Is it any wonder that Weber X-Ray apparatus is speeding toward leadership in its field?

Whether you are at the moment interested in the purchase of an X-Ray or not, send your card for interesting literature, including "Health Dentistry," to Weber Dental Mfg. Company, Canton, Ohio, U.S.A.

W



ization,
was an

f dental
ne, the
factory

with to
chinery
ng the

under
X-Ray
ip in its

the pur-
interesting
Weber

er

This Perfect Absorbent Roll



CELLUDENT Absorbent Rolls are purposely made of a short, fibrous material of a low tensile strength. This is for your protection, as they will break down before causing a painful abrasion when removed from the mouth. CELLUDENT Rolls do not dissolve in the mouth and are removed easily.

Yet Celludent Rolls Cost No More

CELLUDENT Rolls absorb far more readily than other material and are many times more convenient to yourself and patients.

Order CELLUDENT with the understanding that it must prove satisfactory or you can return unused portion for full credit.

Start Using Celludent with This Coupon

KIMBERLY-CLARK CO., Neenah, Wis.

Send items marked through supply house specified:

- boxes 500 Celludent Rolls No. 1 (5-16").... \$2.65
(glass container free)
- boxes 500 Celludent Rolls No. 2 (3/4").... 3.10
(glass container free)
- boxes 500 Celludent Rolls No. 3 (3/4").... 4.50
(glass container free)
- boxes 500 Celludent Rolls Asst..... 4.50
(glass container free)
- One glass container (This is the jar offered
with 500 rolls)..... 1.50
(All rolls 6 inches long. Also put up in boxes of 100)

Name..... O.H. Dec.

Address.....

City.....

Supply House.....

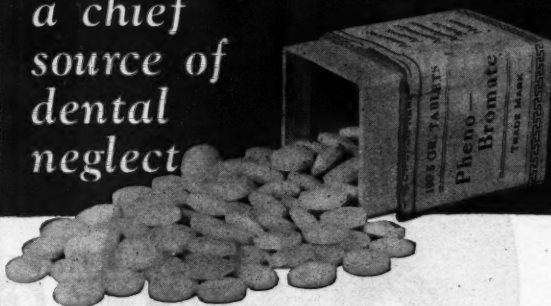
10 Points of Superiority

1. Easily cut or broken to size desired.
2. Won't catch burn.
3. Faster Absorbency.
4. Surgically clean.
5. Do not destroy mouth tissues.
6. Retain position. — Surface does not become slippery from saliva.
7. Compressible to convenient shapes and retain shape.
8. Function perfectly.
9. Agreeable in mouth.
10. Quickly stops Hemorrhages. Celludent short fibres help form a clot.

Jar Free
with first order
of 500 rolls
Regular \$1.50 value



Fear of pain— a chief source of dental neglect



AT a recent meeting, reasons were sought for the deliberate avoidance of dentistry by people who urgently require it. Fear of pain was credited with at least half this neglect. This was the unanimous opinion of the meeting—attended by men who have devoted deep thought and study to the subject.

Pain! Perhaps it is too much to hope for a complete elimination of it, but assuredly it may be minimized and controlled.

Numerous dentists are being won to the use of Pheno-Bromate, which has been favored by physicians for

29 years. Dentists are learning what physicians know: that Pheno-Bromate is a proved safe and effective agent for pain-prevention and relief—free from objectionable after-effects, incapable of heart-depression.

Pheno-Bromate is a perfected combination of derivatives of the phenetidin and bromine groups—not a mixture of coal tar derivatives.

Confident that dentists will come to regard it as highly as physicians do, we are anxious to provide you with a generous supply for clinical test.

THE PHENO-BROMATE CHEMICAL COMPANY,
95 Roseville Ave., Newark, N. J.

OH-12

Please send gratis Pheno-Bromate for clinical test.

Dr. _____

Address _____

BEAUTY



Whether you attach greatest importance to translucency, or hardness, or permanence, or natural life-like appearance, Certified Enamel cannot be surpassed. The test of time covering ten years of satisfactory performance is proof sufficient.

LEE S. SMITH & SON

Types! But More Than Beauty

SMITH'S CERTIFIED ENAMEL is not simply another silicate cement which depends for your favor on translucency and beauty alone.

CERTIFIED ENAMEL is a distinctive material possessing properties found in no other.

In no other material can thoro mixing be used to reduce acidity. In no other material do you develop adhesion to make adaptation certain.

With no other material can you be so positive of permanently sealing the cavity.

EG. CO., PITTSBURGH, U.S.A.



A Rare Combination Brewster Cement

SLOW SETTING on the slab—fast and hard setting in the mouth.

Could you ask a more ideal combination in a crown and bridge cement?

The other distinctive qualities of Brewster Cement are:

It doesn't heat.
It is non-porous.
It mixes smoothly and without granulation.
Every package is uniform.

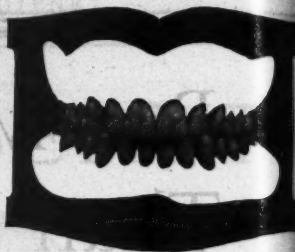
Buy our Economy Package and Save money.
4 bottles Powder—2 bottles Liquid, \$8.00

Other Sizes: Regular Package—
(1 bottle Powder, 1 bottle Liquid) \$3.00
Small-size Package (1 bottle Powder,
1 bottle Liquid) \$1.50.

Sold on 30-days trial.

From your dealer

E. R. S. BREWSTER
2730 High St. Chicago, Ill.



Let your
imagination supply
the gums

PICTURE THE MOST LIFE-LIKE gum color your imagination can call up, add to that the softness and depth of color, the play of light and shadow so characteristic of moist gum tissue and in your mind's eye you will see this denture faced with

IXOLAIN Bakelite Gum Facing

Then, perhaps, you will ask your dealer or your laboratory to show you an actual Ixolain denture.

So faithfully does Ixolain reproduce the color, tone and texture of the gums that we venture to say the actual case will be *more* life-like than your mind, restrained by years experience with the limitations of rubber and other facing materials, will picture it to be.

IXOLAIN is a translucent Bakelite material applied in the ordinary vulcanizer over pink rubber. As permanent as it is natural—Non-porous—Unaffected by mouth fluids. Applicable to new and old dentures whether of gold or vulcanite.

*Sold by leading dealers.
Endorsed by leading laboratories.
Literature on request.*

IXOLAIN COMPANY
6-8 East 46th Street New York

THESE CASES AND THEIR REQUISITES
COE AS THE

STRENGTH



RESILIENCY

COLOR

ACCURACY

upply
gums

LIFE-LIKE
agination
the soft-
the play
o charac
issue and
will see

N
acing

ask your
y to show
nture.
ain repro-
texture of
re to say
more life-
trained by
he limita-
er facing
to be.

Bake-
rdinary
er. As
Non-
mouth
and old
or vul-

rs.
atories.
t.

ANY
New York

Near your office is a laboratory whose technicians are cer- tified Akers Technicians

HERE, SOME ARE ASSURED OF PERFECT CRAFTSMANSHIP

A & W LABORATORIES	AKERS DENTAL LABORATORY-COMPANY
ALLEN & ROLLASTON	ALABAMA DENTAL LABORATORY
BELLING DENTAL SUPPLY COMPANY	KRAUS DENTAL LABORATORY
HENRY F. BOOS	CARL A. LINEER
CLIMAX DENTAL SUPPLY COMPANY INC.	WALTER A. LITZ
CO-OPERATIVE DENTAL LABORATORY	MANITOWA DENTAL LABORATORY
J. J. CRIMMINGS COMPANY	MEDICAL & THOMPAS
THOMAS DENTAL DENT INC.	HERNIM DENTAL LABORATORY
DAVIDSON DENTAL SUPPLY CO. INC.	NEWARK DENTAL LABORATORY
DAVIDSON & WEINBERG	PROTAS DENTAL LABORATORIES
DAVIES DENTAL LABORATORY	REGINA DENTAL LABORATORY
DAYTON DENTAL SUPPLY COMPANY	RICHARDS DENTHETIC LABORATORY
DES MOINES DENTAL LABORATORY	FRANK E. ROE
DIAMOND DENTAL LABORATORY	WILL T. ROWE
LANES LABORATORY COMPANY	SALT LAKE DENTAL LABORATORY INC.
EDERHART-CONWAY COMPANY	SANTO SUPPLY CO.
WALTER EDMUND DENTAL LABORATORY	L. A. SCHMITZ DENTAL LABORATORY
EDRARDT & CO.	SCHEINER'S DENTAL LABORATORY
EMERY STATE DENTAL LABORATORY	SKILL DENTAL LABORATORY CO. INC.
GREEN BAY DENTAL LABORATORY	SIOUX CITY DENTAL LABORATORY
HATHFIELD BROTHERS DENTAL LABORATORY	M. M. STEFFENS
E. BLAIR HERSH	STANDARD DENTAL LABORATORY
P. A. KANOUSE	THE UNITED DENTAL LABORATORIES
T. E. KENNEDY COMPANY	CHARLES ZIEGLER DENTAL LABORATORY

WE WILL READILY SEND YOU THE ADDRESS UPON REQUEST



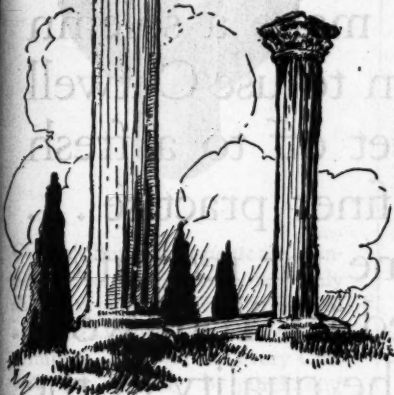
COE LABORATORIES
MARSHALL FIELD ANNEX CHICAGO

The



"Time Proves All Things"

Five years of clinical experience in millions of routine cases has confirmed our original statements concerning the properties and effectiveness of BUTYN.



Butyn excels in
 Rapidity of Action
 Power of Penetration
 Anesthetic Power
 Duration of Anesthesia
 Freedom from Post-Operative Complications

Butyn saves time and money in your practice. It insures "Maximum anesthesia from minimum volume."

Butyn is supplied alone and in combination with epinephrin in tablets, ampules and bulk solution for use in dental practice.

Write for descriptive Butyn brochure.

The ABBOTT LABORATORIES

Dental Division, Dept. 712
 North Chicago, Ill.

The Abbott Laboratories,
 Dept. 712, North Chicago, Ill.

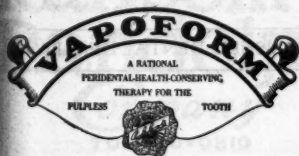
Gentlemen:

Please send me, without obligation, copy of your descriptive brochure on Butyn as well as your new free booklet "Rational Root Canal Therapy."

Dr. _____

Address _____

Dealer's Name _____



CUTWELL B

THIS New Year why not make a solemn resolution to use Cutwell Burs? Get off to a fresh start . . . finer practise . . . more time for recreation (you need it). Your work reflects the quality of the instruments you use. Burs are the "biggest little things" in your equipment. Try Cutwells.

SOLD ONLY THROUGH ESTABLISHED DENTAL DEALERS

BURS



Cutwell Bur Assortments are economical because they contain only the most generally-accepted shapes and sizes. There are no obsolete numbers. You will use every Cutwell Bur you buy. By purchasing them in quantity, you reduce the cost per bur to the point of insignificance, when compared to the task it performs.

The
**Ransom &
Randolph**
Company
TOLEDO • OHIO



Cutwells are packed in cartons containing six of one style and size. Wood back protects burs against injury.



Turret case containing one-gross assortment. Three choices are offered: No. 1, 12 dozen Plain, \$9.50; No. 2, 9½ dozen Plain, and 2½ dozen Crosscut, \$10.75; No. 3, 6 dozen Plain and 6 dozen Crosscut, \$12.00. Case included in prices. Half are r.a. and half h.p. Empty cases may be exchanged for one dozen Cutwells, any shape or size.



3-Gross Cutwell assortment in cabinet. Contains 24 dozen Plain and 12 dozen Crosscut, half r.a. and half h.p. Location chart on lid, \$30.



6-Gross Cutwell assortment in cabinet. Contains 48 dozen Plain and 24 dozen Crosscut. Upper tray r.a., lower tray h.p. Location chart for each section, \$58.50.

**SAVE MONEY—YET
USE *the* BEST**

John W. Milligan, D. D. S.
Crown Building
Los Angeles, California

JONES & WYCKHAM
DENTISTS
SLOVENSVILLE, PA.

**ALDINE EMBOSSED DENTIST
Stationery**

ALDINE'S practical process renders dentists' stationery that looks the equal of best engraved, at one-half the cost. Portfolio of real examples—letterheads, envelopes, cards, billheads—will convince. Free to every dentist who knows that GOOD stationery PAYS.

Write: **ALDINE EMBOSSEMENT STATIONERS**
2010 FOREST AVE. DES MOINES-LOWA

The Jack Rabbit Electric Engine

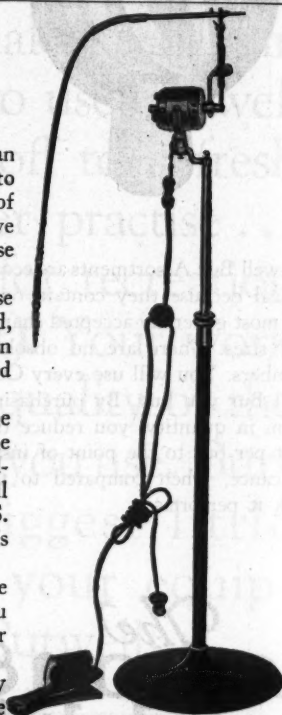
We use on this engine an oversize motor in order to give you an abundance of power. This motor will drive the largest stone you will use without choking down.

On our engine you can use your regular foot engine head, either the cable type as shown in the cut, or the all cord type.

We furnish the engine complete as shown with the S. S. White No. 7 hand-piece for \$70.00. The all cord type with the S. S. White Doriot hand-piece is \$90.00 complete.

On the engine we use standard length belts that you can buy from your regular dealer.

The new catalog is ready for distribution. In it we show a number of new articles. Will be very glad to send you a copy of it.



T. M. CRUTCHER DENTAL DEPOT
BOX 686
LOUISVILLE, KY.

Can a Tooth Paste Erase Stubborn Calculus?

**Convince yourself that one can—Make this test
—Mail coupon**

That glue-like, rapidly hardening formation on the teeth that we commonly call tartar—can a dentifrice *actually* erase it?

Let these facts settle all doubt. Soapy tooth pastes are limited to polishing substances which are alkaline in reaction (in order to mix with the soap) viz: French or Precipitated Chalk, Magnesium Carbonate, Calcium Carbonate or Potassium Chlorate.

Now these substances rate from $\frac{1}{2}^{\circ}$ to 2° in the scale of hardness and, when mixed with soap, lose a percentage of their polishing effectiveness. The soap causes the tooth brush to slide too freely over the teeth. Moreover, soap cannot disturb calculus because the latter is albuminous—in fact, it tends to thicken and harden it.

In ORPHOS TOOTH PASTE we employ that remarkable polishing agent Tri-Calcium Phosphate, C. P.,—and *no soap*. Tri Calcium Phosphate rates 3° in the scale of hardness. The softest portion of the tooth structure rates $3\frac{1}{2}^{\circ}$ to $4\frac{1}{2}^{\circ}$ in the scale of hardness—and the enamel higher. Therefore, Tri-Calcium Phosphate cannot scratch or injure the softest tooth surface.

Tri-Calcium Phosphate *plus* eleven other ingredients of an antiseptic and healing nature give ORPHOS the power to erase calculus positively. Also firm and strengthen the gums.

Convince yourself that these facts are so. Make a test. Fill out the coupon below. Receive in return sample tubes—*twenty of them!*

ORPHOS

—“Chases Calculus”

Mail this coupon now

ORPHOS CO., INC., 22 West 32nd St., New York, N. Y.

I wish to make your “Calculus test.” Mail me, without obligation, your trial tubes.

Name.....

Address.....

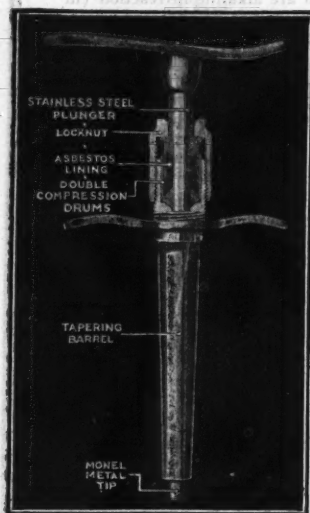
City..... State.....

"The Syringe Dentists Swear by—Not at"

Apologies to Duplex-Durham Razor Co.

KANT-LEEK

**MORE THAN
10,000 DENTISTS USE
IT DAILY!**



The double compression drum
makes it non-leakable

Made in Four Pieces—No Washers

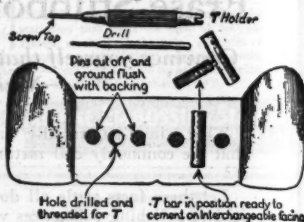
Sterilizable - Stainless Steel Plunger
Long Wearing Threaded Tip, Price \$6.50
including extra double compression drum.

PRICES SEPARATELY

Kant-Leek Syringe.....\$6.00
Extra Double Compression Drum..... 1.50

WHEN A TOOTH BREAKS

*Don't worry! you can easily
repair it.*



The Jackson Bridge Repair Outfit is the most practical device for repairing broken pin facings and affords a labor-saving method which every dentist may successfully employ. Price, \$3.50.

Write to-day for leaflet giving full description and directions.

Bloody Nuisance Averted



HAKIN'S CLEANERS

Clean teeth without lacerating gums or abrading enamel. No spattering; absorbs and carries liquid, powder or paste. Ideal for polishing inlays and fillings. May be used for massaging gums in cases of pyorrhea with engine running on low. Price \$1.00 per doz.



SOLD AT ALL DENTAL DEPOTS

MIZZY, Inc., 105-107 East 16th Street, New York

What Every Dentist Wants Cementation with no Comebacks **FLECKS CEMENT**

Is inseparably connected
with good dentistry.

CONICAL NEEDLES



MAY
BEND
BUT DO NOT
BREAK



"It's Hell
when a needle breaks!"

**STRONGEST
EVER MADE
NO WASHERS
RUSTLESS
DOES NOT LEAK
STERILIZABLE
ALL GAUGES
In ONE**

DOZEN LASTS AS LONG AS A GROSS OF
THE USUAL KIND.

HUB, SCHIMMEL, LUER AND COOK
TYPES. \$2.00 PER DOZEN.

HEATLESS WHEELS WITH THE METAL HUB



Cut faster, run truer, heat less, do not develop humps and
bumps, but wear true until worn down to the metal hub.
"Heatless Wheel" on every stone.

WARE IMITATIONS—Demand the Genuine Heatless Wheel.

SOLD AT ALL DENTAL DEPOTS

MIZZY, Inc., 105-107 East 16th Street, New York

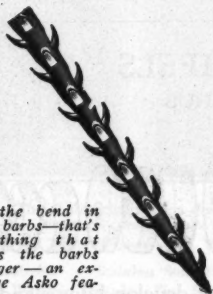


He Isn't Taking Chances

The dental dealer who recommends ASKO Barbed Broaches and furnishes them when he sells you broaches is interested in your good will.

He isn't taking chances—he's insuring your results with the broaches he knows are better.

The ASKO Broach is made to be depended upon. Its grip never fails. It brings out the undesired nerve fiber. It will not break.



See the bend in those barbs—that's the thing that makes the barbs stronger—an exclusive Asko feature.

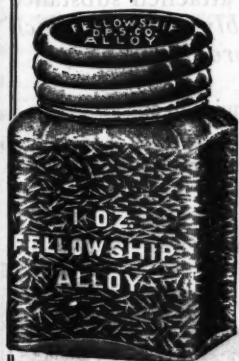
Ask your dealer to show you Asko Broaches, Spiral Broaches, Files, Engine Reamers and Treatment Broaches. They're equally tough and dependable.

A. S. KOCH & SONS
LANCASTER, PA.

The Standard Among Alloys

To you of the profession who have used Fellowship Alloy—little need be said—thirty years of recognized merit vouches for your satisfaction and approval.

And, to you who have *never* used Fellowship Alloy—thirty years as *the standard alloy* should be significant in itself—meriting a trial in your office.



Fellowship Alloy is the only alloy that never shrinks, never varies and always maintains its color, contour and edge strength. It can be obtained in shavings or filings—slow, medium or quick setting.

Contraction	- - Nil
Expansion	- - - 1
	20,000

**At All
Leading Dental Dealers
Throughout the World**

Manufactured only by

The Dental Protective Supply Company
Marshall Field Annex Bldg. Chicago, Ill.

Unproductive Time!

THE dentist has made a discovery of his own about Mu-Sol-Dent which, because it promotes his own welfare as well as that of his patients, he is prone to value even higher than its virtues as a cleansing agent.

This particular thing happens to effect an important economy in his least productive time—the time spent in prophylaxis at the chair. And this is it:

Mu-Sol-Dent not only drastically reduces the quantity of tartar formed, but changes its physical properties from the very hard, firmly attached substance you know it to be, to a *soft, crumbly material which is easily and quickly removed in prophylaxis.*

Busy practitioners have been quick to appreciate the value of this feature, and are freely prescribing Mu-Sol-Dent to practically all their patients.

Free Sample on Request

V. B. CORPORATION
916 Forbes St. Pittsburgh, Pa.

Mu-Sol-Dent
dissolves mucin



Fre

Use
1.

Eruptio
Mol
After
Trench
Pericen
Gingivi
Pregna
Irritatio
Fillin
Abscess
tions
Sorenes
Bridg
Congest
Devit
Focusin
Inflan
Sorenes
Treat

Comfort for your Patients

Freedom from pain of the teeth and gums

Use in these 12 cases

Erupting Third
Molar
After Extraction
Trench Mouth
Pericementitis
Gingivitis
Pregnancy Cases
Irritation after
Filling
Abscessed Condi-
tions
Soreness under
Bridge or Crown
Congestion when
Devitalizing
Focusing Seat of
Inflammation
Soreness after
Treating Pyorrhea

How frequently pain occurs in the cases that you treat! And how helpful, then, to have something handy on which you can rely to relieve the congestion and stop the soreness.

Such a remedy is POLORIS Dental Poultice. In every case apply the first poultice yourself, at the same time, prescribing it for home use. POLORIS is sold at every drug store.

In each of the 12 cases listed on the left POLORIS is effective. Use it in every one and your work will be greatly lessened.

Try these samples—FREE

We will gladly send you a supply of POLORIS for your office work, together with formula, directions for use and prescription pads. Use the coupon below.

POLORIS

(REG. U.S. PAT. OFF.)

DENTAL POULTICE

POLORIS COMPANY, INC., Dept. 2212,
79 East 130th Street, New York, N. Y.

Without charge send me a free supply of POLORIS
together with formula and prescription pads.

Dr. _____

Street _____

City _____ State _____



Quick and Economical as well as Convenient

For the dental profession, we have prepared Novocain-Suprarenin Solutions "E" and "T" in *ampule* form for many years. These solutions are recognized as standard.

Metz N. S. Solutions "E" and "T" are preferred because:

There is assurance that they contain "The Dependable Originals" — Novocain and Suprarenin.

Scientific exactitude is employed in their preparation.

They are isotonic.

They are sterile.

For continuously satisfactory results insist upon Metz N. S. Solutions "E" and "T."



H.A. METZ LABORATORIES, INC.

122 HUDSON ST. NEW YORK



ORAL HYGIENE

STUDY MECHANICAL DENTISTRY

where mechanical dentists are needed—in California. Our school has been established since 1919 in America's fastest-growing city. Send for data.

Mr
Address

SCHOOL OF MECHANICAL DENTISTRY
747 South Hill St., Los Angeles, Calif.



Here's a chance to get the "dope" on a mighty valuable player—just drop us a line, mentioning your dealer's name.

OUT!—A Double Play

Time and Trouble, two players that cut down the score in any dental office, are always put out when you add to your team

MASEL'S

SEAMLESS READY-MADE GOLD CROWNS

You simply prepare the tooth for crowning, select a Masel Crown that is already of proper size and shape, slip it over the tooth to articulation, trim to gum outline and have a perfect fitting crown ready for cementing.

Masel Dental Laboratory

1108 Spruce Street

Philadelphia, Pa.

You'll want to know **MORE**
than we can tell you here
about the

SATTLER

Dental Casting Machine

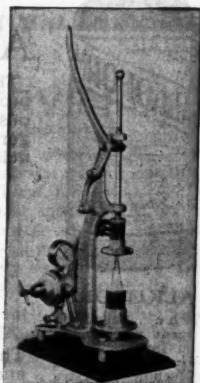
embodying the following advantages:

No blow torch to be handled.
Entire machine automatically controlled by hand lever.

Gas is cut off, flame extinguished, casting pressure released automatically and at the same instant.

Simple in operation—100% in efficiency, positive in results and reasonable in price.

So fill in and mail this coupon for complete data.



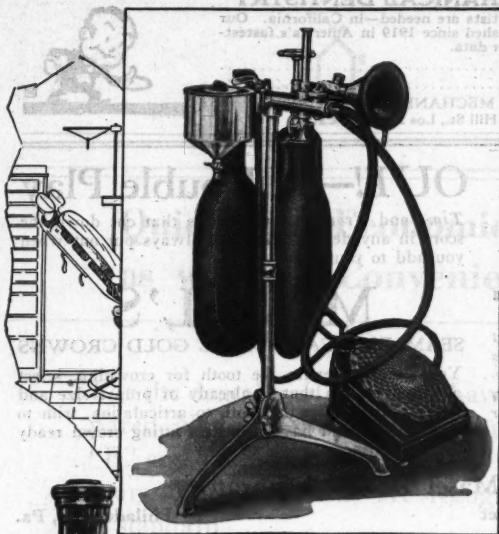
WALTER E. SATTLER,
2187-9 Creston Ave.,
Bronx, New York City.

Please send me complete data on the Sattler Casting Machine.

Dr.

Address

Dealer



Representatives

Profitable connection offered to a few men capable of presenting the Hinkle Anesthetic Machine to the profession.



ALKOFORM

The anesthetic agent recommended for use in the Hinkle Anesthetic Machine possesses long known and desired characteristics of safety and efficiency.

THE HINKLE Anesthetic Machine

This method of producing analgesia has proved worthy of superseding all other methods of obtunding pain for dental chair surgery. Consider these facts, proved by a sufficient number of clinical tests:—

1. Produces Controlled Analgesia.
2. Patient can administer the anesthetic in analgesic stage.
3. Produces any desired depth of anesthesia.
4. Minimum toxic or nauseous after effects.
5. Efficient in Obtunding pain for oral surgery.

The data on the Hinkle Anesthetic Machine and Alkoform will be both interesting and valuable information. A treatise explaining the method of producing analgesia and anesthesia will be sent upon request.

THE HINKLE COMPANY, Inc.

Research Dept.
IOWA CITY, IOWA

Main office and factory
LAMONI, IOWA



Take impression
and bite at same
time using

HARRIS BITRAY

With *HARRIS BITRAY* you can take impression and bite at the same time with plaster or any other material desired, in every case where one or more teeth are missing.

With the *BITRAY* you transfer the bite directly from the mouth to the articulator and you know you cannot go wrong.

It is reliable, saves time and material. Order some today.

Prices: 1, 75c; ½ dozen, \$4.25; 1 dozen, \$8.00.

Literature free upon request.

If you wish one for trial, mail this coupon.

HARRIS BITRAY MFG. COMPANY,
1552 W. Madison St., Chicago, Ill.

Gentlemen:

You may send one *BITRAY*, subject to approval. If tray proves satisfactory, undersigned will remit full payment within 10 days, if not, undersigned will return same at your expense.

Name _____

Address _____

City _____

State _____

Dealer _____

We wish every dentist to have a sample

Use coupon below

(PAIN-BLOC)

Trademark

The better local anesthetic. May be injected into the most seriously ulcerated tissues, blocking off the pain and aiding in healing the tissue following the operation.

Splendid for infiltration or nerve-blocking. If you want the best results, try (PAIN-BLOC).

(NERVE-FIX)

Trademark

The marvelous medicinal paste. It renders unnecessary the removal of the pulp. Ideal for pulp-capping. Stops toothache instantly. Prevents apical abscesses. Simple technic. Ideal canal-filling for dead teeth. Will cure, in two treatments, any abscess than can be cured.

If you want best results, try (NERVE-FIX).

For sale by all dealers

Eureka Dental Specialty Co., Inc., South Holland, Ill.

Please send free samples and booklet.

Dr. _____

Address _____

Dealer _____

Announcing
Now—
After six years of research, we have perfected a formula for

Mu-Sol-Dent TOOTH PASTE

In addition to the time honored compound of chalk and soap, this paste contains the same ingredients as MU-SOL-DENT liquid—in the correct concentration for dissolving mucin plaques, thus effectively aiding the mechanical cleaning process. So efficient it will even prevent tobacco stain. Guaranteed harmless

SEND FOR SAMPLE

V. B. CORPORATION

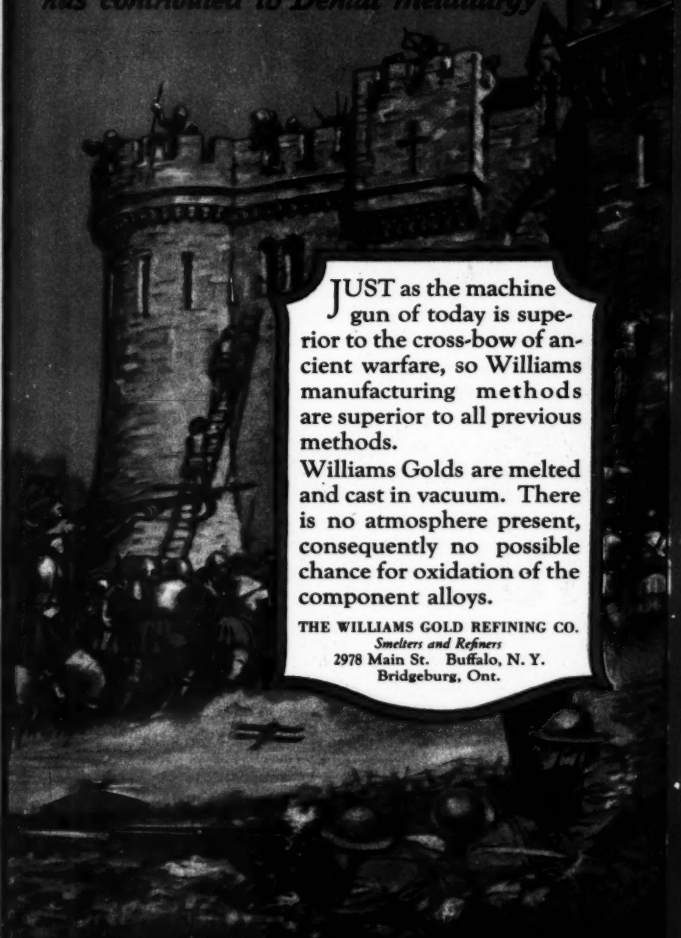
916 Forbes Street

Pittsburgh, Pa.

What Science has contributed to Warfare

Williams Research

has contributed to Dental Metallurgy



JUST as the machine gun of today is superior to the cross-bow of ancient warfare, so Williams manufacturing methods are superior to all previous methods.

Williams Golds are melted and cast in vacuum. There is no atmosphere present, consequently no possible chance for oxidation of the component alloys.

THE WILLIAMS GOLD REFINING CO.

Smelters and Refiners

2978 Main St. Buffalo, N. Y.
Bridgeburg, Ont.

Williams Golds

Melted by Radio

Get more for your Scrap Gold



Have it converted into
Dental Golds or Specialties
GET more for your scrap gold
by letting us convert it into
Williams Casting Golds, Plates,
Solders, Lingual Bars, Clasps or
other Williams specialties.

The refining charge covers the entire cost.
If you would rather have the cash, the
Williams policy of 100% returns, full
value for all platinum, and a fair charge
for our work, is your assurance for 100%
satisfaction.

Most dealers will send your scrap gold to
us if you ask them. If not, send it direct.

The Williams Gold Refining Company
Smelters and Refiners
2978 Main St. Buffalo, N. Y.
Bridgeburg, Ont.



Or, if you prefer, a check to
help toward Christmas expenses

Williams Golds

Melted by Radio

Casting Gold	Lingual Bars	Filling Golds
Plates	Wire	Clasps
Shells	Solders	Nuggets

See announcement on reverse side

Full sterilization insures your patient

Its just as important to sterilize dry cotton material as it is instruments. To sterilize one and not the other is a chance-taking short-cut.

You are on the safe side in using the Castle 1414-A—and every one knows it.

*Ask for the new Castle
Sterilizing Technique that
tells how to sterilize indi-
vidual packets for each
patient.*

CASTLE

Sterilizers for Dentists and Surgeons

1158 University Ave.
Rochester, N. Y.

CASTLE





Business Helps For Busy Dentists

Although dentistry is a profession it also has a business aspect that must be recognized; accurate records are just as essential as they are in any commercial enterprise.

Time is so valuable to the dentist that nothing should be permitted to interfere with the productivity of his working hours.

A system of accounting therefore must be simplified.

The accounting requisites shown on these pages have been in use by the profession for a number of years. They control the business side of dentistry and require minimum time to operate.

S. S. White Card Index System No. 2

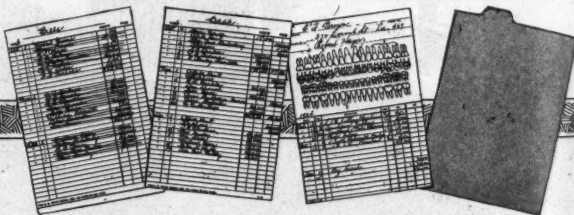
1. Unlimited Flexibility

Adapted for large or small practice.
Can be started any time.

Additional cards for new patients can be inserted in alphabetical order.

2. Easy Reference

By arranging active accounts in buff guides, accounts not fully paid in salmon guides, and closed accounts, fully paid, in blue guides, reference is made easy.



Cash or Bill Cards

Record Card

Index Card

3. No Dead Wood

Filing or destroying cards of patients who die or move away, keeps the records alive.

4. Time and Labor Saving

Entry work, billing and reference to record cards consume little time.

5. Bills and Cash Records

Specially ruled cards provide for independent record of bills sent out and cash received.

Price Complete \$13.00

S. S. WHITE

EVERY DAY APPOINTMENT BOOK

No. 7

An appointment space for every half hour of every day in the year from 8:30 A. M. to 7 P. M. (Sundays included).

Open the book at any place and you have a full week of seven days, with sufficient space for special memoranda always available without turning a page.

There are fifty-four of these weeks in the book, twelve pages for monthly cash accounts, a page for cash summary and calendars for five years

The book contains one hundred and twenty-six pages, printed on a fine paper; bound in rich red, durable cloth, $5\frac{1}{4} \times 9$ inches.

Perpetual in form, it can be started any time and used for a full year.

Price \$1.50

EXAMINATION BLANK

No. 2

The diagram shows the symbols used to facilitate rapid bookkeeping. The reverse side is made up in the form of a memorandum account, whereon any desired entries can be made.

The diagram is printed in red ink

Size $5\frac{1}{4} \times 3\frac{1}{4}$ inches. Tablets of 50

Price \$0.30

EXAMINATION BLANK

No. 3

The diagram is printed in red ink; the illustration of the teeth is a facsimile of that in the Warren Dental Ledger.

Size 4×4 inches. Tablets of 50

Price \$0.30

For Sale by Dental Dealers
Literature on request

The S. S. White Dental Mfg. Co.
Philadelphia



Examination
Blank No. 3

Every Day Appointment Book No. 7

Examination
Blank No. 2

Dioxogen

The pain and soreness following extractions, and the discomfort incident to plate adjustments are very greatly relieved by DIOXOGEN, and what is more important—injured tissues are protected against infection.

DIOXOGEN acts almost as an anesthetic in the mouth; the relief from pain and the soothing effect on the tissues are so pronounced that the intervals between office visits can be materially shortened.

In Pyorrhea cases the destructive action of DIOXOGEN on pus is of signal assistance; it clears the field and at the same time removes one of the chief sources of reinfection.

Absolutely harmless, DIOXOGEN is safe to entrust to patients.

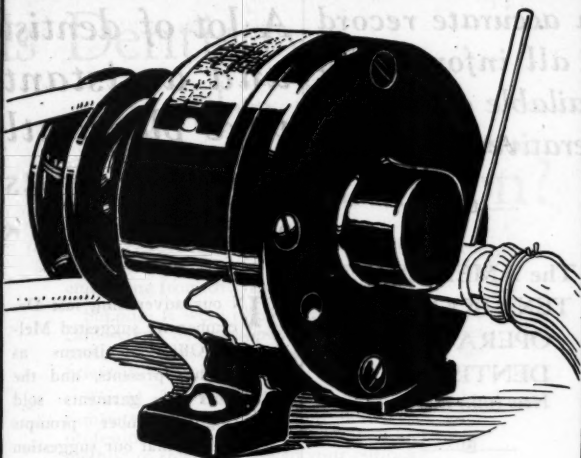
*A sample will gladly be sent to
Professional men on request.*



THE OAKLAND CHEMICAL CO.

59 Fourth Avenue

New York, N. Y.



To lead the field in distribution of a rotary blower or air compressor is surely a well-merited achievement.

There are still in practical use many Vernons sold over 10 years ago, perhaps because:

A. The base or leg supports are solid, and are planed to insure solid contact with the bench top.

B. The pulley wheel is fully machined and runs true as a die—that eliminates undue wear, because running is smooth and even.

C. And the regulating device permits perfect delivery control.

Price \$9.00

Bronze Lathe Pulley \$1.50 extra .

Lee S. Smith & Son Mfg. Co.

Pittsburgh, U. S. A.

**An accurate record
of all information
available concerning
operative dentistry**

**The AMERICAN
TEXT-BOOK OF
OPERATIVE
DENTISTRY**
New (6th) Edition

In addition to a wealth of new material there are new chapters on *Diagnosis*, including Roentgen Diagnosis and on *Oral Hygiene*, including Preventive Dentistry.

Edited by Dr. Marcus L. Ward, with himself and the following eminent men contributing: Dr. R. W. Bunting, Dr. W. A. Capon, Dr. J. V. Conzett, Dr. E. D. Coolidge, Dr. A. Hopewell-Smith, Dr. C. J. Lyons, Dr. F. B. Noyes, Dr. H. Prinz, Dr. S. L. Silverman, Dr. K. H. Thoma, and Dr. R. H. Volland.

LEA & FEBIGER,
S. Washington Square, Philadelphia.

Send me the new "Ward," \$10.00.

Name

Address

Dealer

**A lot of dentists
and assistants
were pleasantly
surprised last
year** ~ ~ ~

IN our advertising last December we suggested Melrose Office Uniforms as Christmas presents, and the number of garments sold during December prompts the belief that our suggestion was welcomed.

And why not? There couldn't be a more practical gift for a dentist or assistant than an operating coat or gown and the Melrose label stamps the quality as does "Sterling" on silver.

To make your selection you will want the booklet showing and describing the Melrose line, so send for it at once.

Use the coupon.

Melrose Hospital Uniform Co.,
119-125 W. 24th St., New York City.

Please send by return mail your booklet showing and describing the Melrose line.

Dr.

Address

Dealer

Your
be gl
script
Diges
is \$1
\$1.40

Is Dentistry on the Verge of Revolution?

REVOLUTION—not at the hands of a Red Peril, but a Revolution of Theory and Practice emanating from the research laboratory?

Suppose it were discovered that resistance to caries could be developed by diet, and that caries could be induced in sound teeth by a diet deficient in Vitamin C.

Would not such a discovery tend to revolutionize the entire theory and practice of your profession? Would it not alter your entire method of treatment—even your outlook?

Dr. Percy R. Howe and his associates in the Forsyth Infirmary for Children, Boston, have demonstrated this phenomenon in monkeys and guinea-pigs and believe it is true in man.

THE DENTAL DIGEST

will publish the researches and experiments which led up to this discovery in a series of interesting letters from Dr. Howe as reported by "Brother Bill," beginning in the January issue.

You must know the story of this great discovery. Subscribe now! Through your dealer or direct.

Your depot's salesman will be glad to enter your subscription to The Dental Digest for you. The price is \$1.00 a year (Canada \$1.40).

THE DENTAL DIGEST
220 West 42nd St., New York.

Please enter my subscription to Dental Digest for one year beginning January, 1927.

☐ Check, ☐ Money Order for \$.....enclosed.

☐ Charge my dealer.....

Dr.



“How Can I Serve More Patients?”

Simply by systemizing the methods of serving your present clientele! Use the McCaskey System and you can devote more time to actual practice—saving the hours formerly spent in the tiresome, unprofitable work of keeping records.

“We enjoy doing those things most which we do best. Records, poorly kept, are a bore and an abomination. Your System, recently installed, makes the business of being a dentist a real business as well as a profession. Sorry I did not have it years ago.” Dr. Chas. E. Carroll, Newport, Arkansas.

There are many convincing reasons why a McCaskey System should be in your office. Full information gladly supplied upon request.

THE McCASKEY REGISTER COMPANY

Alliance, Ohio

Galt, Canada

Watford, England

Free to Dentists

We will send you a full size tube of Kondon's Catarrhal Jelly for your own or family use. Also 15 small test tins to hand your patients. Mail the coupon.



Sold
by
Entire
Drug
Trade
30
and
60
Cents

KONDON'S CATARRHAL JELLY

has been doing good for 35 years. Use it at first sign of cold in head. Combines the lubricating features of petrolatum with the curative properties of menthol.

Mild—Effective—Safe

Kondon's will clear your head. Recommend it for cold, cough, coryza, nasal and dry catarrh, headache, earache, deafness, sore nose, sore lips, bleeding gums, and **BAD BREATH.**

MAIL THIS COUPON

Kondon Mfg. Co., OH-D6
Minneapolis, Minn.

Send full size tube for own use,
and 15 test tins for patients.

Name.....

Street.....

City.....

(Attach card or letterhead)



Test a PETRY RETAINER

on a plate, where other methods and devices had failed. Test the Retainer on a smooth, plate glass surface for suction. If the Retainer don't suck, return it for a fresh one. Exchange is free. Test the Retainer in the patient's mouth before making the plate. We'll co-operate with you. Ask questions. Write for literature. Give the name of your dealer or laboratory.

One Complete Outfit \$2.00, Retainer only \$1.00.
One Ounce Bottle of Cement or Liquid to Dentists, 75c each.

Patented and Manufactured only by the
JACOB PETRY RETAINER CO.

2022 Lowrie Street

N. S., Pittsburgh, Pa.

Break Away

!



HABIT is responsible for most of the drudgery and a great deal of the discomfort that dentists experience in their daily work. Making messy, spilly mixtures in doing prophylactic work cannot be defended on any other ground than—habit. It does not cost any less. It simply wastes more time. Make your prophylactic work inviting, both to yourself and patients. Save time by using



Prophylax-O Tablets

(Gardner)

They are inexpensive. They are clean and always kept in sanitary form. Always ready—just take one out of the container. And the ingredients are balanced in just the right proportion—abrasive agent—polishing agent—antiseptic tonic—all in one. Break away from the mixing habit, learn how efficient and convenient Prophylax-O Tablets are by asking for samples. Regular size package can be had at your dealers.

Try
**Prophylax-O
Tablets**

at our expense



Use the
Coupon

ELLIS-JONES DRUG CO.,
Memphis, Tenn.

Please furnish free samples of Prophylax-O Tablets. (Gardner)

Dr. _____

Address _____

Dealer _____



For Gingivitis

— try this

AFTER prophylaxis advise the use of SQUIBB'S DENTAL CREAM, *made with more than 50% of Squibb's Milk of Magnesia*, and watch the gums take on the color and firmness of perfect health and vitality.

SQUIBB'S DENTAL CREAM contains no astringents, or other irritating substances. It maintains the health of the gums through the elimination of the environmental conditions which are responsible for gingivitis.

Let us carry your dentifrice responsibility.

— Send your card for a complimentary package —

E·R·SQUIBB & SONS

Dental Department

80 BEEKMAN STREET · NEW YORK

Actual Experience attests the value of Zonite Antisepsis

Read these unsolicited statements straight from the offices of practising dentists—note the wide range of Zonite usefulness.

Antrum: “. . . was fortunate enough to cure up a badly diseased antrum, after having exhausted the rest of antiseptics” S. R. J., D. D. S.

Sinus Infection: “. . . on a chronic maxillary sinus infection . . . after second washing of Zonite it cleared up . . . no visible signs of pus on the last two washings” D. L. F., D. D. S.

Pyorrhea: “. . . think Zonite a splendid product. In pyorrhea pockets, stomatitis and wounds in the oral cavity . . . like the results” C. J. S., D. D. S.

Trench Mouth: “. . . am having wonderful results in the worst case of trench mouth I have ever seen, with Zonite” J. P. M., D. D. S.

Stomatitis: “. . . severe case of localized stomatitis . . . applied Zonite full strength topically and prescribed Zonite mouthwash . . . condition subsided after three days of this treatment” B. D. F., D. D. S.

Extractions: “. . . use Zonite regularly during extraction sittings and often advise its use until healing occurs” G. R. L., D. D. S.

General Oral Surgery: “. . . use on the puncture point previous to nerve blocking or infiltrative anaesthesia . . . no blistering occurs when used full strength” G. R. L., D. D. S.

Mouthwash: “. . . recommend more than any other mouthwash in my practice . . . has never failed to bring results” L. A. J., D. D. S.

Professional package containing a trial supply of Zonite and folder outlining its many indications, gladly sent on request.

ZONITE PRODUCTS CO.

250 Park Avenue, New York, N. Y.



YOUR NAME
ON THE
HANDLE

And
your
—gi
Boile
Mirr
(No
any
hand
\$3.50
on s

SPEC

39 Fro

osis

fices of
fulness.

badly
rest of

s infec-
ared up
hings"

n pyor-
cavity

s in the
, with

s . . .
scribed
r three

raction
ccurs"

nt pre-
. . . no

D.D.S.

mouth-
bring



Make their Mothers Your first Assistants

Every mother is vitally interest-
ed in her children's teeth.

Wouldn't it be a thoughtful
remembrance to give each of your
patients at Christmas a—

DENTALAID JR. MOUTH MIRROR

Dentalaids are highly appreci-
ated in every home. They enable
the parents to watch for the first
signs of decay in their kiddies'
teeth. And the grown-ups like to
watch for trouble in their own
teeth, too.

Why not present each of your
patients with a Dentalaid Jr. this
Christmas, with your name stamp-
ed on the handle?

Very inexpensive—\$25.00 a hundred
—stamped.

Order through your dealer.

And don't forget
yourself this Xmas
—give yourself a
Boilo Six—6 Boilo
Mirrors any size
(No. 1 to No. 6)
any style plus a
handle. \$3.00 to
\$3.50 depending
on style.

SPECIALTY MANUFACTURING COMPANY

Makers of Boilo Mirrors and DeLuxe Products

39 Front Street

Brooklyn, N. Y.

ORAL HYGIENE

SPECIAL OFFER

100 IMPRINTED X-RAY FILM MOUNTS \$3.00



us send you price list. Attractive discounts

HOBURG X-RAY FILM COMPANY

Sizes 3x5. Vertical or Horizontal Window. Black, Grey or all Celluloid

JUSTRITE X-RAY FILMS

REGULAR

1 Box 4 Doz.	\$1.80
1 Gross	4.50
5 "	21.25
10 "	40.00

EXTRA FAST

1 Box 4 Doz.	\$2.00
1 Gross	5.65
5 "	27.65
10 "	52.00

Special price in larger quantities.

We make a full line of X-Ray mounts. Send samples of the kind you use and let given on quantity orders. Mention dealer.

VENETIAN BUILDING, CHICAGO, ILL.

A Crowning Success



Let us
tell you
about
the
Lincrown
Method

"It can't be done," was the verdict when ready-made gold crowns were first introduced.

"It can't be done," is the verdict every time any new idea is advanced.

But the people who say a thing "can't be done" are usually interrupted by someone doing it.

It is true, there are many things that do not look practical in the beginning and a ready-made gold crown was one of them.

But, thousands of dentists who, a few short years ago, claimed that ready-made gold crowns were impractical are now using

LINCROWNS

And, they would no more think of returning to the old impression and bite method than they would of making their own instruments.

In fact, it will be only a matter of time until the dentist who crowns teeth by the old method will be as rare as the buggy whip manufacturer. And, the crowning success of Lincrowns is hastening that day.

Full information on the Lincrown
Method upon request.

LINCOLN DENTAL MFG. CO.

1726 Sansom Street
Philadelphia, Pa.

Bright
on

Full g

White

Crysta

Two
and la

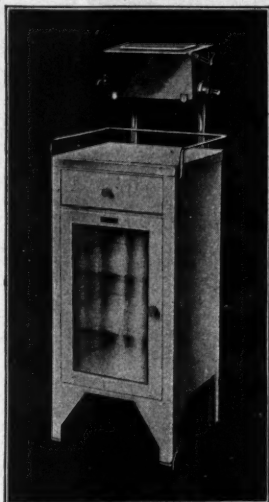
T
m
w
m
be

P
35

A Km
Gift

Olive brot
dentists D
tal Emble
for their c
Assures id
tity, pol
courtes
parking p
illeges, etc
It's Ethic
Prestige B
ing Publ
Three inch
meter, lile
center. (O
lited. Or
or A.D.A.
P. O. Box

PROMETHEUS



Bright nickel finish
on metal parts.

Full glass door

White enamel finish.

Crystal glass knobs.

Two roomy shelves
and large drawer.

STERILIZER

Tray lifts with
cover.

No seams or solder;
one-piece pressed
copper boiler.

Cool porcelain
handles

Automatic cut-off

BOILS QUICKEST
—walls are asbes-
tos lined.

Safety in 9 Minutes

The quickest sterilizer ever produced—it boils in 9 minutes with one inch of water—mounted out of the way above a solid, snow-white cabinet. The New Prometheus Sterilizer—Cabinet saves time and space—both valuable in any dental office.

Write for data, mentioning your dealer.

PROMETHEUS ELECTRIC CORPORATION
356 WEST 13TH STREET NEW YORK CITY

A Xmas Gift!

Give brother dentists Dental Emblems for their cars. Assures identity, police courtesies, parking privileges, etc.

It's Ethical, Prestige Building Publicity.

Three inches diameter. Iliac enamel center.

(Official dental color)—beautifully finished. Order today if member of local, state, or A.D.A. Price \$3.00. Dental Emblem Co., P. O. Box 455-0, New Haven, Conn.



The sun never sets on QUEEN QUALITY WAX

Like the radio, it encircles
the World.

"It won on its merits"

Your dealer has it.

QUEEN MFG. COMPANY
Falconer, N. Y.

§ Oral Hygiene Bulletin §

DENTIST: Age 30 wants position in or near Boston. Familiar with X-Ray and extracting. "U" ORAL HYGIENE, Pittsburgh.

WANTED: Salesman or manufacturer agent selling dental supply jobbers to sell high grade specialty. Quality product, well merchandised, volume seller. Exclusive territory. Please state qualifications fully. L.H.C., 167 E. Ontario St., Chicago, Ill.

FOR SALE: Best equipped and largest office in county seat in northern Michigan. Sell less than inventory for cash or terms. Box 25, ORAL HYGIENE, Pittsburgh.

FOR SALE: High class advertising office; average cash receipts over forty-two thousand dollars per year. Six chairs, X-Ray, gas, complete laboratory newly furnished, ten rooms, private toilet. Best location, manufacturing city over one hundred thousand population. Seven years lease. Moderate rent, good prices; two good fast men can do all the work. Price twenty-five thousand dollars, one-half cash, balance monthly. Owner must retire. Bank and supply house references. Will sell one-third interest to man capable of doing good work and keeping up present volume of business. Must be sober, industrious and thoroughly capable as a salesman of good dentistry. The right kind of a man can make a salary of five thousand to seven thousand dollars per year as well as share in the profits of the business. Dr. G. W. Taylor, South Bend, Indiana.

Town three thousand wants young dentist at once. Payroll hundred sixty thousand monthly, nine hundred men employed; Churches, lodges, two movies, two doctors; class A road, two railroads; nearest dentist ten miles. Modern dental apartment for rent. "Physician," Box 637, Powhatan Point, Ohio.

FOR SALE: Advertising office in busy Western Pennsylvania town. Two complete modern equipments; doing fine business. Will sell cheap to quick buyer. Enquire of "A" ORAL HYGIENE, Pittsburgh.

WANTED: Dentist, cutrate advertising-plates only. "C" ORAL HYGIENE, Pittsburgh.

FOR SALE: Old established ethical dental practice in southern Oklahoma county seat town. Equipment including Ritter X-Ray all in good repair. Low rent. Business good. Bargain to sell at once. Address Box 336, Waurika, Okla.

FOR SALE: Kansas dental practice. Oil fields district. Population about two thousand. Gross practice over seven thousand dollars past year. Big payroll town. Practically unopposed deal. Price \$1250 and take five hundred dollars down, then fifty dollars month. Address "K" care F. V. Kniest, Peters Trust Bldg., Omaha, Nebraska.

FOR SALE: Dental laboratory, first class, fully equipped, in city of sixty thousand population. Fine opportunity to advance. Going out of business. Price reasonable. Address "S. L." ORAL HYGIENE, Pittsburgh.

FOR SALE: Outfit and practice in Leetonia, Ohio. Established twenty-two years. Illness reason for selling. G. H. Irwin.

FOR SALE: Dental office near Philadelphia; semi-advertising cash business one thousand dollars month. Sacrifice for three thousand dollars. Terms. "Y" ORAL HYGIENE, Pittsburgh.

POSITION WANTED: By colored man, age 32, with twelve years experience in all around laboratory work. Rouville Fisher, Prichard, Ala.

Young dentist, married; four years experience and now practicing in West Virginia wishes to make a change. Wants a position in an ethical office in Indiana. Has own equipment which can be used if desired. Address Box 802, Cincinnati, Ohio.

FOR SALE: Old established dental practice, located in central Ohio town. Price reasonable. Address Mrs. R. H. Bedell, Urbana, Ohio.

POSITION WANTED: By dentist with three years experience. Pennsylvania license. "W" ORAL HYGIENE, Pittsburgh.

WANTED DENTIST To take full charge of old established advertising office on percentage basis. Must be good operator, contractor and registered in Ohio. Address: Peoples Dentists, 184½ S. High St., Columbus, Ohio.

FOR SALE: Dental practice and equipment; located in best building in Tulsa, Okla. Sell for less than invoice. "I" ORAL HYGIENE, Pittsburgh.

WANTED: Master Technician on gold and ceramics as working manager of gold department in commercial laboratory Rocky Mountain Region. Experience and qualifications first letter. "J" ORAL HYGIENE, Pittsburgh.

DENTIST: All around man, Indiana licensed, good contractor; permanent in old established office. State salary. New York Dentists, 825 Calhoun St., Fort Wayne, Indiana.

WANTED—POSITIONS: We have ethical dentists available for salaried appointments in all parts of the United States. We can put you in touch with dentists whose references have been carefully investigated. No charge for this service. Aznoe's National Physicians' Exchange, 30 N. Michigan, Chicago.

FOR SALE: High class Michigan practice and equipment. Real opportunity for capable man to do from ten to fifteen thousand per year. Sell less than invoice. Box 23, ORAL HYGIENE, Pittsburgh, Pa.

(Continued on Page 2398)

See Here!



We are in a position to prove that

DEE GOLDS

are right

[Call and see tests conducted
in our Department of Edu-
cation and Research.
10th Floor Mallers Bldg.]

FOR FULL DENTURE CASTINGS you
require a highly fluid gold that will be strong
when cast thin. Use **DEEONE GOLD**.

Fus. Pt. 1760° F. . . . \$1.35 dw't.

THOMAS J.

DEE & CO.

Precious Metal Specialists

5 So. WABASH AVE.

CHICAGO

(Continued from Page 2396)

FOR SALE: Dental office and practice, unopposed, in South Dakota town of thirteen hundred. Equipment in first class condition. Good drawing territory. If interested enquire of "R" ORAL HYGIENE, Pittsburgh, Pa.

WANTED: Ethical dentists for salaried appointments in all parts of United States. If you have good references as to capabilities and character, send for application form. JOIN OUR DENTAL BUREAU, Aznoe's National Physicians' Exchange, 30 N. Michigan, Chicago.

WANTED: First class gold man and also plate man. Capable to do high class work. Salary paid monthly. References. "HT" ORAL HYGIENE, Pittsburgh.

WANTED: Female graduate dentist. Gentle. Excellent position in busy office for one with experience. Must be good operator in prophylaxis and gentle with children. References will be given and required. Address 7112 Jenkins Arcade Bldg., Pittsburgh, Pa.

DENTAL EXCHANGE: Positions and locations furnished in all states, and practices handled for sale; assistants, operators, office help, etc., furnished Mechanical dentists furnished and located. Gilt edge references. Special plans. Services also for doctors, druggists, veterinarians and nurses. F. V. Kniest, Peters Trust Bldg., Omaha, Neb.

FOR SALE: North Dakota practice. Small investment; all churches here. No opposition. Discounting five hundred dollars from invoice, take part cash. Good man can do ten thousand dollars year. Very low overhead. Large payroll town. Population 825, large territory. Snap. Address "N.D." care F. V. Kniest, Peters Trust Bldg., Omaha, Nebraska.

FOR SALE: Nebraska practice. Population fourteen hundred. Small investment. Large territory to draw from. Low expense. Cash practice, four thousand dollars last year. Price \$1350. Nationality, Americans. Modern conveniences. Address "N" care F. V. Kniest, Peters Trust Bldg., Omaha, Nebraska.

NITROSOL

A sure preventive of rusting and discoloration of dental instruments when sterilized in boiling water. Saves the cost of many instruments.

Widely used with great success. Price \$1.00.

From your dealer or

THE NITROSOL COMPANY

Clarksburg, W. Va.

LUMALGIN

TRADE MARK REGISTERED

Universal Analgesic Sedative

What It Does

For Patient: Before and after operation, allays pain and nervousness, and, when given at night, induces restful sleep.

For Dentist: By relieving nervous tension and physical suffering, expedites and facilitates operative work.

LUMALGIN is both an efficient and economical remedy for Toothache, Headache, Neuralgia in general, and Nervousness and Sleeplessness associated with Pain.

Supplied in Convenient
Tablets, Tubes of 10 and
Bottles of 25. Sample
and Literature on request

WINTHROP CHEMICAL CO., INC.
117 Hudson Street
NEW YORK, N. Y.

The Ideal Combination

IODENT TOOTH PASTE—No. 1 for Teeth **EASY** to Whiten; and No. 2 for Teeth **HARD** to Whiten, both containing iodine in combined form (iodides)—ideal for stimulating the circulation in the gums and aiding the dentist in his preventive work.

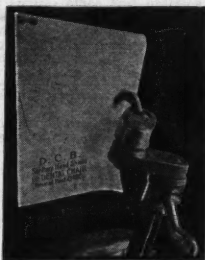
IODENT TOOTH BRUSHES—Also designed in two styles—No. 1 a lighter, medium bristled brush for teeth **EASY** to Whiten; No. 2 a heavy stiffer bristled brush for Teeth **HARD** to Whiten—both the finest quality brushes available today. Shaped correctly to clean teeth properly.

We suggest that you recommend them and note the decided improvement in the patient's mouth where you have an opportunity to watch results.

IODENT CHEMICAL COMPANY
IODENT Building Lafayette Blvd., Detroit

IODENT

TOOTH PASTE—TOOTH BRUSHES



WHICH CHAIR IS YOURS

No matter which of the above chairs you have, there is a D. C. B. Sanitary Head Shield to add to its comfort and convenience to your patients.

\$2.00
per 100

**D. C. B.
SANITARY
HEAD
SHIELDS**

\$2.00
per 100

They are quickly and easily slipped over the head rest. No bother, no fuss, and they give your chair a clean inviting appearance that patients appreciate.

Get them at your dealers or use the coupon below.

David C. Baker,
665 Fifth Ave., New York

I enclose \$2.00, for which kindly send me 100 D.C.B. Sanitary Head Shields.

My chair is _____

Dr. _____

Address _____

OH-12-26

TRI-CHLOR

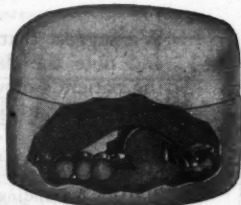
Reg. U.S. Pat. Off.

The Efficiency of Your Patients' Removable Restorations — Bridges, Dentures, Etc., is Only As Good As Its Cleanliness.



Tri-Chlor is a stabilized chlorine germicide. A weak solution will remove all deposits from surfaces, crevices, and irregularities of removable restorations. It will also remove odors, and give your patients sterilized and wholesome dentures.

Tri-Chlor is put up in 6-oz. bottles.



Kerr Denture Sterilizers have been provided for use with Tri-Chlor. They are made in opal glass in two sizes, small for bridges, etc., and large for full dentures.

Send for Booklet on Tri-Chlor

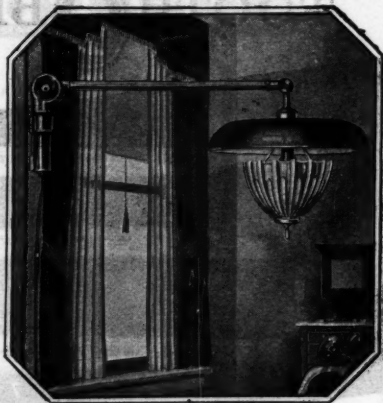
Sold by all Leading Dental Depots

Detroit Dental Mfg. Co.
6081-6095—12th Street
DETROIT, MICH., U.S.A.

BOSWORTH

Adjustable
Bracket
Operating
Light

WHY
it gives
daylight



The Bosworth No. 5 light with our adjustable bracket is the light we recommend for greater efficiency and longest life.

The light itself gives the most perfect reproduction of daylight achieved in professional lighting equipment. Daylight is ideal because of the diffusion of light rays coming from all directions. Our No. 5 light gives perfect diffusion, as its scientifically designed upper shade reflects in all directions the rays of light thrown up to it from the lower shade. The lower shade, which

is made of glass, filters the downcoming rays.

This breaking up of the reflection of the light rays is just what takes place in sunlight.

The adjustable bracket, of which we are the originators, has an unlimited range of possible adjustments. Its horizontal swing is practically unlimited, it has a 45-inch vertical range, and a telescope extension from 30 to 42 inches.

An illustrated circular of our complete line of dental operating lights will be mailed to you at your request.

HARRY J. BOSWORTH COMPANY,
341 E. Ohio Street, Chicago, Ill.

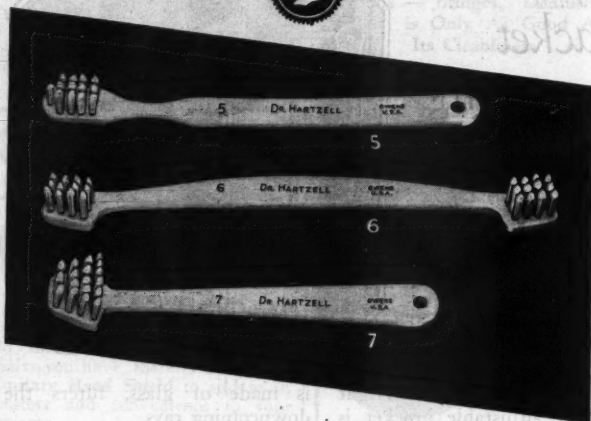
Please send circular about your Operating Lights.

Dr. _____

Address _____

Dealer _____

Dr. Hartzell TOOTH BRUSH



Designed especially for the Dental Profession

NUMBERS 5, 6 and 7 are intended to cleanse the lingual surfaces of upper and lower teeth. No. 5 is the simplest in form. No. 6 is furnished with double ends and the handle is so constructed that the bristles may be applied with the same evenness to the inside of the dental arch as a straight brush may be applied to the outside of the arch. No. 7 similarly helps the user to reach the gum on the inside, and to thrust the bristles between the teeth in such a manner as to remove the mold from between the lingual surfaces. Use the one you can use most easily.

Dr. Hartzell Brushes are made in America—all the way through. And no other tooth brushes can better illustrate the special aptitude of American designers and manufacturers in the field of oral hygiene. For further information and prices please address

THE OWENS STAPLE-TIED BRUSH COMPANY
901 Buckingham Street, Toledo, Ohio, U. S. A.

Sodiphene

TRADE MARK REGISTERED

—paradox?

A 4% solution of phenol—yet entirely bland!

Sodiphene presents what seems to be a paradox. It is a 4% solution of phenol. Yet it is entirely free of escharotic effect. Sodiphene is bland.

The admitted virtues of a potent phenol solution—minus the phenol characteristics which had hitherto limited the usefulness of this valuable pharmaceutical.

Because we believe you will wish to prescribe Sodiphene after you test it, we seek the privilege of sending you a generous bottle for test.



THE SODIPHENE COMPANY,
2531-33 Pennway, Kansas City, Mo.

Please send gratis professional package to

Dr. _____

Address _____

OH-12

Fourfold Protection

The Tooth
The Filling
The Patient
The Dentist

A heavy coating impervious to moisture, making a splendid non-conductive lining for gold or amalgam fillings and a protective coating for silicate fillings.

A cushion that prevents sensitivity after filling.

"Placed Right because It's White."

Williams'
Cavity
Lining



From Any Dealer in
Any Country

PREPARED BY

King's Specialty Co.
Fort Wayne, Ind., U. S. A.

Ivory Elliott Separator



This Separator is easily applied, is out of the way of the operator, and is quite universal in its application. The jaws are arranged to pass one another as the force is being applied and are properly beveled to prevent tipping or undue pressure on the gum tissue. The screw operates in either end of the yoke, making it applicable to either side of the arch.

All Dealers
Price \$2.50

J. W. Ivory
MANUFACTURER
Philadelphia, Pa.
U. S. A.

DR. L. O. GREEN'S

No Plus Ultra

Special Flexible Stainless Rustless Needles

(Made from Firth Stainless Steel)

None genuine without
the Leg Trade Mark



Price
\$3.00 per dozen

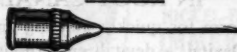
The obvious fine point and flexibility precludes the possibility of pain when injecting, while with the ordinary hypodermic needle the coarseness of point and rigidity causes a tearing and dragging sensation, which is painful and frightens the patient. With the Green Special you have none of the above disagreeable features. Once used always used.

You get out of your practice in proportion to what you put into it. The Green Special Flexible Needle is the only humane needle on the market. Never fails to win the everlasting gratitude of your patients. We always have the genuine and the imitations with us. Beware of the unscrupulous dealer who claims to have a substitute just as good.

Screw-on or luer type hub. Round or Hexagon hub. Subsequently—why not now?

HE WHO SERVES BEST PROFITS MOST

The Green Special Flexible Stainless Needle



The 3 (in one) Needle

L. O. GREEN, D.D.S.,
Heyworth Bldg., Chicago, Ill.

Please send me full data on

- ☐ Needles
☐ Acestoria Antiseptic Anaesthetic

Name.....

Address.....

Important Discovery In Local Anesthesia

TUTOCAIN

Trade Mark Reg. U. S. Pat. Off.
BRAND OF BUTAMIN

Numerous reports from European and American clinics demonstrate its superiority.

Rapid, complete and safe anesthesia.
Suitable both for injection and surface application. Economical.

SUPPLIED in tablets with and without epinephrin. Each sufficient for 3 c. c. of 1% solution, the strength for conduction and infiltration.

WINTHROP CHEMICAL COMPANY, Inc.

117 Hudson Street,

New York, N. Y.

IF TIME is an object in Tooth Conservation



Then you will want to try Neo-Dent Products

The results of Dr. E. P. Brady's years of research at the Washington University, of St. Louis, Mo.

IN ROOT CANAL THERAPY THEY ARE

Neo-Form for quickly quieting an abscess.

Neo-Devital, a devitalizer without arsenic. As now generally recognized, arsenic has no place in dentistry.

Neo-Siltrate, an ammoniated silver nitrate for sterilizing teeth. Due to its affinity for albumen, it seeks decomposed tissue and microorganisms throughout the entire area and permanently fixes them with a deposit of pure silver. It requires but 6 minutes to apply.

Neo-Balsam Compound, a root-canal filling material which sets with a slight expansion, adhering to moist cavity walls, indefinitely liberating free iodine, and aiding in tissue repair beyond the apex. It is radiopaque.

PULP CAPPING

Neo-Capper, a wonderful submarine preparation which covers the whole field of pulp capping, a soothing antiseptic dressing protecting the pulp and dental fibril.

DECIDUOUS TEETH

Neo-Obtundo Cement, an obtunding cement that is submarine. Where a sedative and cement are indicated, one application of Neo-Obtundo Cement takes the place of both. Does not require the cavity to be thoroughly dehydrated. Unequalled for sealing in treatments because of its soothing effect, can be applied thin. It can be readily removed.

The **Neo-Dent Products** are not new but have many staunch friends, both in this country and abroad. Their principal virtue lies in the fact that they make difficult operations easy. If you are not acquainted with these products let us send you literature describing them, illustrated with testimonial radiographs. Send for it. The attached coupon makes it easy.

FOR SALE BY ALL FIRST-CLASS DEALERS

A. A. BROWN DENTAL MFG. CO., O.H.-11-26

Boyle and Olive Sts., St. Louis, Mo.

Please send data on Neo-Dent Products Pkg. F.

Dr. _____

Address _____

Dealer _____

As
what i
He wil
Air Co

Kellogg

A LI
fier
ficient
more sa
tists an
method
ful tim
freely.
a pellet
brush v
Taxi, a
disappe

Try a
on a p
money b
use it re
when yo

6 oz. Bo

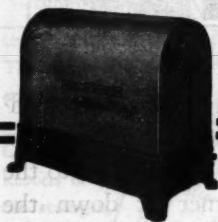
Ask Your Dealer

what is the biggest value in his place. He will answer, "A Kellogg Dental Air Compressor at

\$140.00

"It never makes a racket"

Kellogg Manufacturing Company
Rochester, N. Y.



Instant Hot Water From Your Light Socket

Guaranteed
for
Ten Years
Any Current
Any Voltage

A Money Back Price
of
\$4.25



**CRANE'S
NICKEL-PLATED
IMMERSION
HEATER**

Boils water for all purposes. Invaluable year-round in any dental office.

Through your Dealer or by C. O. D.
Parcel Post from

CRANE & COMPANY
799 Broadway New York City
"A Crane & Company Article"

TAXI

A LIQUID preparation that simplifies the cleaning process. An efficient cleanser that is quicker, and more satisfactory. Thousands of dentists are quitting the old, laborious method and using Taxi. It's a wonderful time saver. You may use Taxi freely. Simply apply to the teeth with a pellet of cotton; in 10 seconds use brush wheel, moistened slightly with Taxi, and stains will instantly disappear.

Try a bottle of Taxi. It is sold on a positive guarantee—a money back guarantee. You will use it regularly in your practice when you find how efficient it is.

6 oz. Bottle \$1.00



Not new, not an experiment. In use 18 years. All dealers.

Sample on request.

HOLLAND SPECIALTY CO.,
Peoria, Ill.

Please send me sample.

Dr. _____

Address _____

Dealer _____



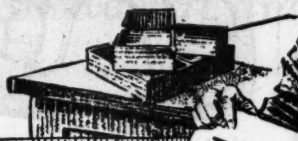
IF there were no retail dental dealers with complete stocks of dental merchandise in your city—
IF you could not telephone in emergencies to the dental store around the corner or down the street

IF your only sources of supply were far-away manufacturers, who, of natural necessity, required cash with orders

WOULD YOU not wish for a system of local distribution, like that which already exists?

This is the eighteenth of a series to be published by ORAL HYGIENE in the interest of a better understanding between the profession and the trade.

EVERY POUND GUARANTEED



The care, the skill, the experience that resulted in producing Corning Dental Rubbers of tensile strength, elasticity, easy packing, has stood the test of years.

It's THAT WONDERFUL gold color that first wins you to

Corning's "GOLDEN PLATE" Baseplate Rubber

But after you have worked with it you are still more impressed with its unusual strength, lightness, freedom from porosity and all-around working qualities.

For a denture of exceptional beauty, let us suggest Corning's "Golden Plate" with gums of Corning's

"BLENDED PINK" Veneer

Your dealer sells them

Corning "Golden Plate" per $\frac{1}{4}$ lb. . . \$1.00
Corning "Blended Pink" per $\frac{1}{4}$ lb. . . \$2.50

VENEERS

- ☐ Blended Pink
- ☐ Spl. Lt. Pink
- ☐ Light Pink
- ☐ Deep Pink
- ☐ White

BASE PLATES

- ☐ Light Red
- ☐ Medium Red
- ☐ Dark Red (Brown)
- ☐ Maroon
- ☐ Golden Plate
- ☐ Dark Natural
- ☐ Black
- ☐ Red Weighted
- ☐ Black Weighted

This brings either the free sample or the $\frac{1}{4}$ -lb. box.
{ } Free sample \$2.50
{ } $\frac{1}{4}$ -lb. box at \$1.00
No. _____
City & State _____
Dealer _____

CORNING RUBBER CO., Inc.

266-270 Pearl Street, Brooklyn, N. Y.

For all
MOUTH INFECTIONS
and for all
Wounds in the Mouth
infected or otherwise

and wounds occur frequently in most mouths and are constantly subject to infection.

Whatever the name of the infection

**PYORRHEA
TRENCH MOUTH
VINCENTS
ULCERS**

**MAC'S
BLACK
LOTION**

is the ideal antiseptic, non-irritating, healing dressing and bacterial germicide.

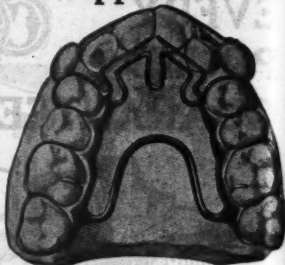
Sample on request.



6 oz. bottle \$1.00

MAC CHEMICAL CORP.
75 West St. New York

**Jackson's Regulating
Appliances**



Actual case

Latest and best methods—years of practical experience—study of individual cases—personal supervision: These assure doctors of satisfactory working appliances.

Price \$6.00

Gold Plated \$7.00

Rapell Dental Laboratories

661 Jefferson Ave.

Elizabeth, N. J. Tel. Emerson 6807

New York Office

116 West 39th St.

Room 927

Gilbert's Temporary Stopping

the **FIRST** and **ORIGINAL**, was placed on the market in 1880. Many imitations have come and gone, but throughout the entire 45 years **GILBERT'S** still remains the **STANDARD**. No other kind is "just as good."

It is a well-known fact that all gutta percha products deteriorate with age, and while **GILBERT'S TEMPORARY STOPPING** works well for a longer period, we positively guarantee it for eighteen months, and our boxes now have this guarantee printed on them, together with the date of expiration. This is a positive safeguard to the dentist against buying old and useless material.

Sold in boxes of pink, white and assorted—50c

All goods sold with our money-back guarantee if they are not entirely satisfactory.

S. Edward Gilbert

1627 Columbia Avenue
Philadelphia, Pa., U. S. A.

TRIPLE REFINED

is

Rowan's Extra Pliable gold

This makes it the finest and purest filling material obtainable.

Convince yourself by ordering NOW.

Rowan Products

Include—

Filling Golds
Shells
Solders
Gold Plate
Wires
Clasp Metals
White Golds
Casting Golds

Let Us Tell
You About
Them!

Trial bottle "E. P." Gold

Rolls\$1.25

also

Special one-piece Casting

Gold—per dwt.....\$1.25

and

18 Denture and 20 Denture
(Each contains Platinum)

EDWARD ROWAN, Inc.

625 E. 163 Street
New York City

EDWARD ROWAN Inc.
625 E. 163rd St., New York City.

Please send me your literature on Golds.

Dr. _____

Address _____

Dealer _____

The Prophylaxis of Dental Caries

The Cause of Dental Decay: The presence in the mouth of lactic and butyric acids formed by bacterial action on food particles.

The Results of Dental Decay: Roughening, softening and penetration of the enamel; damage to the dentine; the formation of cavities affording lodgment for pathogenic organisms, with subsequent development of root abscesses, gingivitis, pyorrhea, etc.

How to Prevent Dental Decay: The daily, systematic application of a suitable, non-irritating, non-abrasive alkaline fluid is the best and most practical method of controlling or preventing dental decay. This is not an empty assertion, but it has the support of authority.

Note. Thousands of your fellow-practitioners have made the discovery that "Phillips' Milk of Magnesia" is just such a fluid. It completely fills the bill. It is the ideal alkalizer for use in the human mouth.

Why You Should Specify "Phillips' Milk of Magnesia"

- It is pure, i. e., free from every trace of deleterious substances.
- It is a hydrate and, therefore, has a special affinity for acids.

c. It acts immediately and efficiently and has no disagreeable effects.

d. It is three times as efficient as bicarbonate of sodium and *fifty times* as powerful as lime water in neutralizing acids.

How to Use "Phillips' Milk of Magnesia"

Kindly instruct your patients to rinse the mouth with a tablespoonful of "Phillips' Milk of Magnesia," at least twice a day, and invariably at bed-time, as acidity is most likely to develop during sleep.

The nightly application should be made in the following way: Cleanse the teeth well with a toothbrush and warm water. Rinse the mouth thoroughly, then take a tablespoonful of "Phillips' Milk of Magnesia" and work it back and forth through the spaces between the teeth for a few moments—the object being to reach every surface of all the teeth. After rejecting the superfluous portion, *do not rinse the mouth again, but allow the alkaline film of Magnesia to remain on the dental surfaces.*

An excellent plan is to use "Phillips' Milk of Magnesia" as a dentifrice, or the toothbrush, instead of preparation containing precipitated chalk.

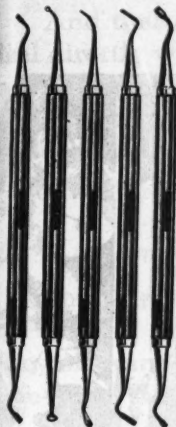
PHILLIPS' Milk of Magnesia

CAUTION. The dentist is advised to beware of imitations of "Phillips' Milk of Magnesia." Kindly prescribe in original 4-ounce and 12-ounce bottles obtainable from druggists everywhere.

"Milk of Magnesia" has been the U. S. Registered Trade Mark of The Charles H. Phillips Chemical Co. and its predecessor Charles H. Phillips since 1880.

Prepared only by

The Charles H. Phillips Chemical Co.
New York and London



IMMUNITY STEEL

The Harper Amalgam Technique.

Dr. W. E. Harper of Chicago who is recognized as a Master of Science in Amalgam Restoration, introduces the tamping and stepping technique exerting a nine pound pressure to eliminate leakage and thereby procure a more condensed restoration.

This technique is carried out with Dr. Harper's own designed Pluggers, Trimmers and Carvers.

There are five (5) double end instruments to comply with all cases. The unique design of the Pluggers is featured by the concaved ends, a feature which is very essential to confine the amalgam to the cavity and under the plugger end.

The large hollow handle provides a firm grip which is required to exert a nine pound pressure without tiring the fingers.

Price per set in "Immunity Steel"	
Double End	\$15.00
Single End	\$17.00

Consult your dealer and ask for this set of instruments for inspection.

THE HU-FRIEDY MFG. CO.

3654 Milwaukee Ave.,

Chicago, Illinois

SALES BRANCH FOR NEW YORK: 23 HAVEN AVE., NEW YORK CITY

Make More Money in 1926 — with "GOLDDUST" Rubber



Buy a half-pound box of "Golddust" Rubber and use it on your next plate—partial or full. Notice first that it works easier, and that its greater density is apparent even before vulcanization. This density is brought about by the amalgamation of finely pulverized aluminum with the rubber admixture, which is the reason why your finished plate comes out of the vulcanizer free from porosity. When you're ready to finish the denture, rub it gently. See how quickly it takes a lustrous polish. Your patient will like this. You'll get more money for your "Golddust" dentures. Buy a package of "Golddust" Rubber today at your dental depot.

"MAKE MORE MONEY IN 1927"

Prices:

\$5.00 per pound \$2.50 per half pound

1/5th pound sample box (about 7 sheets) \$1.00

Buy from your dealer

Atlantic Rubber Manufacturing Corporation

Successors to TRAUN RUBBER COMPANY

239-243 Fourth Ave. Dept. OH-2612 New York

OH-2612

Enclosed \$1.

for sample box
"Golddust" Rubber

Dr.



"The Colonel's Lady and Judy O'Grady

*are sisters under
their skins"*

THIS little scene is so natural, so human, and, we are led to believe, so usual that it gives added weight to those rollicking lines of Kipling. There's a world of fact in that jingle—a jolly way of saying, "Human nature is alike the world over."

And that is something that you, who must deal directly with very human nature every day in your work, must always remember. If we could make this mean to you all that it should, the use of Trubyte Teeth would take on new significance.

Trubyte

for "Judy" and her lady—

Your denture patients are all "different," but they all have certain desires in common. They all want Comfort, Efficiency and Appearance—and the greatest of these is Appearance!

Give them Trubyte Teeth and you have insured Appearance, and you have made your task much lighter because Trubyte posteriors are so efficient in form that they need but be articulated properly to produce dentures that will restore function and bring comfort and satisfaction.

There are no class distinctions when it comes to that fundamental pride that craves the favorable judgment of the world. "The Colonel's Lady and Judy O'Grady are sisters under their skins," and "Private Jim" and the Colonel are blood brothers when the bugle blows for inspection.

Your patients must also pass inspection, and Trubyte Teeth will help them to meet the most critical appraisals of those most critical of all—their "friends."

RESTORATIONS  THAT RESTORE

The DENTISTS' SUPPLY COMPANY
of NEW YORK

(Trubyte Teeth are known as Anatoform Teeth in Europe, Great Britain and her Colonies.)



Set-Ezy Stool No. 421

Work with Efficiency and Comfort

Cut showing Adaptability
to various position

A great deal of your time is spent in the laboratory, your creative department; but is it a pleasure to work there, or a task? Are conditions as they should be?

American Sectional Laboratory Benches, and Set-Ezy Stools are designed to help you to do better work with greater ease and comfort.

The Sectional Bench Units will fit your every need, a unit for every purpose, and the Set-Ezy Stools provide comfort and relaxation.

The American Cabinet Co.

Two Rivers, Wis.

Rahway, N. J.

THE AMERICAN CABINET CO., Two Rivers, Wis.

Please send me Dental Catalog D; Send circular ADF-5 on American Sectional Benches ☐ Send circular ADF-10 on Set-Ezy Stool No. 421 ☐

Name _____ Address _____

City _____ State _____

DENTIFRICE

(dens-tooth-fricare-to rub)
a--paste--used in cleaning
the teeth

PEBECO

MADE IN U. S. A. PAT. 2,097,100
TOOTH PASTE

a good dentifrice



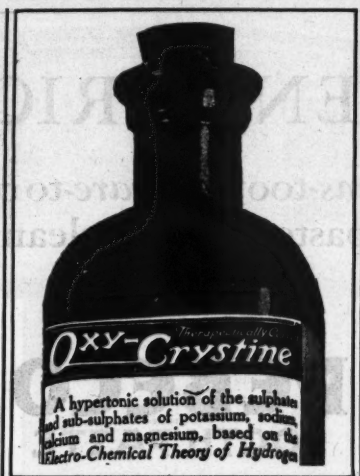
Samples? Surely

LEHN & FINK, INC.

BLOOMFIELD, N. J.

A Division of

Lehn & Fink Products Company



Not a pyorrhea remedy, —but used in Pyorrhea Treatment

Have you studied Oxy-Crystine and the theories upon which it is based?

Oxy-Crystine is not a proprietary—it is not advertised to the public.

Neither is it a pyorrhea treatment, except in the sense that its use is recommended for alleviating systemic conditions which retard or make impossible the successful treatment of pyorrhea and gingivitis.

Oxy-Crystine is non-secret. Its formula is published.

If you are interested in this idea and in Oxy-Crystine, which is being introduced only to dentists and physicians, send your card, attached to this coupon, and a bottle of Oxy-Crystine will be mailed you prepaid without charge.

OXY-CRYSTINE CORPORATION, P. O. Box 118, Grand Central Station,
New York, N. Y.

Please send me a sample of OXY-CRYSTINE prepaid and without charge.

Dr. _____

Address _____

OH-12.



You are the judge of



STYLE 45—36" LONG

Manco Cloth \$3.25 ea. or 3 for \$9 00
Twilt 3.25 ea. or 3 for 9.00
Poplin 4.50 ea. or 3 for 12.75

STYLE 44—31" LONG

Manco Cloth \$3.00 ea. or 3 for \$ 8.25
Twilt 3.00 ea. or 3 for 8.25
Poplin 4.00 ea. or 3 for 11.25

Poplin can be had in either White, Tan or Grey—All in 1/2, 3/4 or long Sleeves. Money refunded if not satisfactory. Write for catalogue.

Manhattan Coat Factory, Inc.

3223 N. Halsted St., Chicago

— Or Thru Your Dealer



Aluminum Trays

PRICES:—

Per set of 45
Trays mounted
on Mahogany
Finish Frame.

\$12.00

Thru Dealer or
Direct

Trays in Bulk
Each 25c

Trays, polish fin-
ish, each boxed—
30c.

Leaflet
on Application

Catalogue No. 5
for DENTAL
DEALERS now
ready.

Replace soiled, office worn TRAYS, with FISHER'S, practical, ECONOMICAL ALUMINUM TRAYS. Made of pliable Aluminum, can be bent or trimmed to fit any case.

100 good shapes to draw from

Thru Dealers or

JOHN C. FISHER MFG. CO.

LONG ISLAND CITY, N. Y.

**Technique
of Treatment
for Pyorrhea**

PYRADIUM

—this booklet,

**interesting and informative,
is sent upon request.**

The booklet describes the technique recommended when Pyradium is employed as adjunctive treatment.

This essay may present ideas and information new to you.

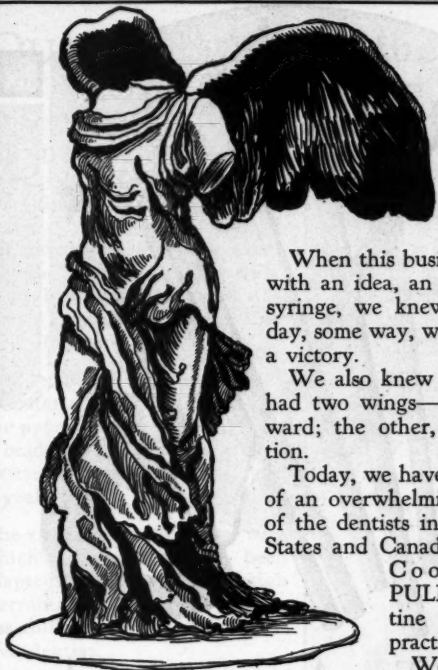
Your request for it will also bring a professional sample of Pyradium, which is itself fully described and explained in our literature—its action analyzed, its formula revealed, for, of course, no secret formula is countenanced by thinking dentists.

**RADIUM REMEDIES COMPANY,
Sexton Bldg., Minneapolis, Minn.**

Without obligation, send me professional sample of
Pyradium for test purposes, also copy of booklet,
"Technique of Treatment for Pyorrhea."

Name _____ D.D.S.

Address _____ OH-12



The Wings of Victory

When this business started, with an idea, an ideal, and a syringe, we knew that some day, some way, we would win a victory.

We also knew that victory had two wings—one, the reward; the other, the obligation.

Today, we have the reward of an overwhelming majority of the dentists in the United States and Canada using the Cook ***"CARPULE"** as a routine in their practice.

We also have the obligation of supplying these dentists with the finest local anesthetic which Science has yet devised.

When you adopt the Cook ***"CARPULE"** System in your professional practice, we adopt the obligation of supplying you with the finest anesthetic in the world, in the most convenient and economical form.

COOK LABORATORIES, INC.

Dept. O. H. 536 Lake Shore Drive Chicago, Ill.

Carpule
REGISTERED U.S. PAT. OFF.
COOK

*The word **"CARPULE"** is a technical trade mark indicating that the product associated with that name originated with and is offered upon the reputation and responsibility of the Cook Laboratories, Inc.

COOK LABORATORIES, INC.,
536 Lake Shore Drive, Chicago, Ill.
Dept. O. H.

Gentlemen:

Please send me complete information on the Cook ***"CARPULE"** System.

Doctor _____

Address _____



For Accuracy's Sake

To make sure that they conform to the originator's design with a variation of not more than one one-thousandths of an inch, Clev-Dent cutting instruments are micrometer tested. They also must have a glass hard cutting edge and a temper in the remainder of the blade which minimizes breakage. Delicacy of design distinguishes many Clev-Dent patterns.

YOU can obtain Clev-Dent Instruments from your Dealer.

The Cleveland Dental Mfg. Co.
Cleveland, Ohio, U. S. A.



QUARTZ LIGHT in the Treatment of Pyorrhea

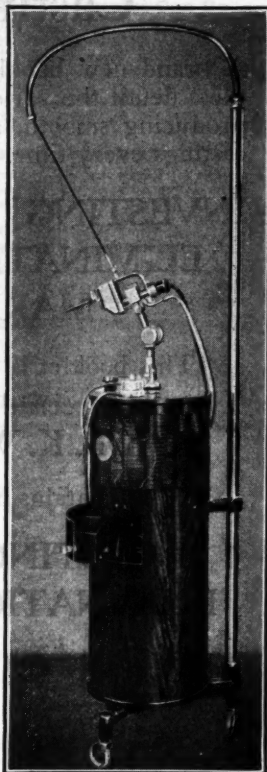
“QUARTZ light therapy or ultraviolet radiation is the only . . . method which has given . . . the writer consistent, favorable results as a remedy for pyorrhea.” This statement is taken from an article which appeared in Dental Cosmos, February, 1925.*

The technique employed in administering quartz light therapy for pyorrhea is quite simple, as a reading of the above article, written by an authority, will reveal.

The ease and resultfulness with which quartz light has been adapted in the dental profession warrants an investigation of its possibilities by every progressive dentist.

The KROMAYER DENTAL UNIT so enhances the value of this modality that many dentists regard ultraviolet the most valuable single contribution to modern dentistry.

*Reprint of extract sent upon request. Ask for Q. L. 3-15-25



HANOVIA CHEMICAL & MFG. CO.

Chestnut Street & N. J. R. R. Avenue, Newark, N. J.

NEW YORK

CHICAGO

SAN FRANCISCO

"A Standardized Casting Technic"

A brand new booklet, describing in complete detail the various steps of technic for producing smooth, sharp, correctly fitting castings every time.

INVESTING ELIMINATION OF WAX MAKING THE CAST

This booklet is compiled from the
writings of

DR. K. W. KNAPP

and contains his latest ideas on

CASTING BY THE ELIMINATION METHOD

A copy will be sent FREE to dentists who
will

Send in this coupon

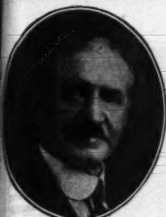
M. F. PATTERSON DENTAL SUPPLY COMPANY
MANUFACTURING DEPARTMENT
406 Sixth Avenue South, Minneapolis, Minn.

Please send me your new booklet, "A Standardized Casting Technic."

Doctor _____

Town _____

Office Address _____



LOUIS OTTOFY,
D.D.S., M.D.
Educational Director

Dental Laboratory Work

All branches of Mechanical (Prosthetic) Dentistry taught by modern methods. **INDIVIDUAL INSTRUCTION**, day or evening. No classes or books. **NO TIME LIMIT**. Students work with gold and other precious metals before completing course.

What McCarrie Graduates Can Do

They can satisfactorily handle any case prescribed by the average Dentist—vulcanite and metal base dentures, crowns of all kinds, all types of fixed and removable bridgework, including the newest system of parallel removable bridgework. They know the technique of clasps, bars and patented attachments—in short, their training is thorough in all branches of dental laboratory work.

We Can Supply Dentists and Laboratories

with men fully qualified for prosthetic work. They are willing to start at reasonable salaries and demonstrate their worth. Let us send you a clean-cut, well-trained man. No charge for this service.

Special Post Graduate Courses For Dentists and Dental Laboratory Technicians

Ceramics (Porcelain Work), either in entirety or part, taught as a special course. Also any branch of Prosthetics, including Parallel Removable Bridgework, Vulcanite Platework, etc. Nominal tuition. Write for full information.

McCarrie Schools of Mechanical Dentistry

Dept. 60—1338 S. Michigan Ave., Chicago, Ill.

Other schools at Detroit, Mich., Cleveland, O., Boston, Mass., and Philadelphia, Pa.



“We dentists
wash our hands
so often—”

explains an Oral Hygiene reader in expressing what he terms his **delight** with **PACQUIN'S** Dentists' & Physicians' Hand Cream, which hundreds of other dentists have already discovered to be indispensable for keeping hands in trim—overcoming hard-water cracking.

Pacquin's Dentists' and Physicians' Hand Cream has no equal for keeping your hands soft, smooth and pliable, and for counteracting tobacco, novocaine and other odors objectionable to sensitive patients.

A generous complimentary sample will be sent to you direct from the Pacquin Laboratories if you will just fill in and mail the coupon, or merely attach it to your card. Pacquin's is obtainable in 4-oz. jars from your dental dealer.

PACQUIN, Inc., 55 W. 16th St., New York, N. Y.

Pacquin's

Please send free sample of Pacquin's.

Dr. _____

Address _____

Dealer _____

"See your dentist at least twice a year", we advise millions every month.

Advertising in behalf of Forhan's for the Gums reaches upwards of twenty millions of magazine and newspaper readers every month. It makes unmistakable plain that no dentifrice can ever replace the services of the dentist in the treatment of gum infections.

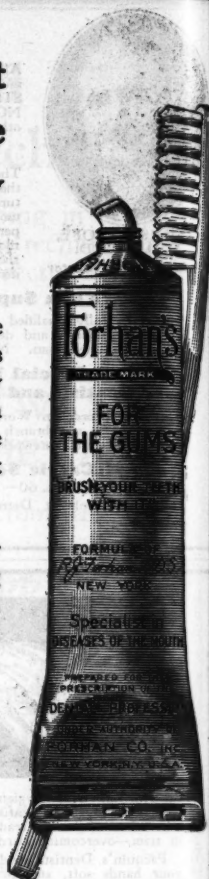
Forhan's has never been advertised for anything but what it is—a cleansing dentifrice that keeps the teeth in a clean healthy condition and is therefore an excellent preventative of pyorrhea.

Forhan Company, New York City
Forhan's, Ltd., Montreal

Forhan's

FOR THE GUMS

Forhan's Pyorrhea Astringent is a recognized healing adjunct in the treatment of pyorrhetic conditions. Its use is restricted solely to dentists. Order through your dental supply house.



*This wont hurt
you a bit-See!*

THE nervous patient who betrays a fear of the hypodermic needle, can be almost instantly soothed by demonstrating the use of **ETHYL CHLORIDE GEBAUER**.

This is a particularly valuable feature in treating children, for by spraying the fluid lightly on the back of the patient's hand you can readily demonstrate the tissues are numbed to pain. When the patient has been reassured, it is easy then to benumb the point at which you plan to insert the hypodermic needle, as shown in Photograph No. 2, and proceed with your injection as shown in Photograph No. 3.

ETHYL CHLORIDE is very economical; $\frac{1}{2}$ c per patient is a liberal estimate of the cost of using it. This is due to the fact that the special leak-proof break-proof tube is designed so that it will deliver the fluid in fine spray rather than a jet stream. By adjusting the valve

of the special **GEBAUER** tube, as shown in Photograph No. 1, you can regulate the spray to benumb an area the size of a pea, which is all that is necessary. (Photograph No. 2.) After the point of puncture is superficially anesthetized you can proceed to inject Novocain or other anesthetic at will (Photograph No. 3) without the patient even noting the touch of the needle, let alone the pain.

Obtain **ETHYL CHLORIDE GEBAUER** from your dealer or direct from us. 40 gram tube, \$1.10 each; 80 gram tube, \$1.75 each. Flexible nozzle 75c; graduated dropper 75c.

The Gebauer Chemical Co.
669 ERIE BLDG., CLEVELAND, O.

TEN DAY FREE TRIAL



Crescent Assortment of 1500 Gutta Percha Nerve Canal Points

*The Most
Complete Assortment
Ever offered*

Made from pure gutta percha, very tough and extra stiff. They will permit the operator to insert them to the end of the most tortuous canal and form a perfect seal.

The long lengths are especially desirable and useful for such methods of root canal filling as Dr. Callahan's and others where the point is dissolved in the canal. Although made extra stiff, they dissolve readily.

Price:—Assorted as illustrated \$2.25 box

They are also put up in boxes containing 450 in box and 150 in box, all one kind or assorted.

Prices:	Kind	450's	150's
	Short	\$0.80 box	\$0.30 box
	Regular	.90 box	.40 box
	Long	1.00 box	.50 box

Send Coupon Today for a Trial Box

CRESCENT DENTAL MFG. CO.,
1839 S. Crawford Ave., Chicago, Ill.

Send me one box Crescent assortment of 1500 Gutta Percha canal points, postpaid. Within ten days of receipt, I agree to remit \$2.25 for same, or you may charge through my dealer, if I decide to keep them, otherwise I will return the unused portion to you.

Dr. _____

Address _____

We
a p
M
D
an
ic
A
oi
B
tr
G
tr
re
th
tu
he



"A VAL
GIVING



All SI

EUR

We would like to make you
a present of a half dozen quarts

Mu-col is a non-poisonous saline-alkaline powder, quickly soluble in warm water.

Dentists are using it for preparing solutions of any desired strength. It makes the most economical mouth wash on the market.

A definite blending of basic salts with essential oils insures uniformity.

Being in powder form admits of very free use at trifling expense.

Gives soothing, comforting relief following extractions. Thousands of dentists are using and recommending it. They daily observe ill effects that come from lack of care of mouth and teeth so turn to MU-COL. Its regular use helps to maintain healthy oral conditions.



"A VALUE-
GIVING POWDER."

THE MU-COL CO., Inc., D6-OH
Tupper and Edwin Place, Buffalo, N. Y.

Please send free sample of MU-COL.

(Enclose card or letterhead)



All Sizes—1905-1926

LATEST SUCTION

(new size)

This, the latest suction, is the same shape as the large upper but smaller—something the profession has wanted for years.

The superiority of the "EUREKA" in renewing cup is apparent at a glance.

Comparison sells it. You need no extras. Easily attached. On and off in a second by patient.

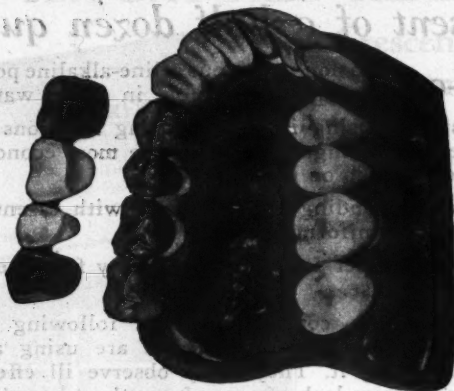
"Once Used—Always Used"

Upper or Lower \$2.00 per box. Half Doz.

Why Pay More?

EUREKA SUCTION CO., LOUDONVILLE, OHIO

"PONTOPIN" BRIDGEWORK



Showing the New Bicuspid and Molar
"PONTOPIN" Teeth

WITH the addition of Eleven Bicuspid, seven Molar "Pontopin" moulds, "Ponto" Furnace and "Ponto" Glaze, you have every reason to use "Pontopin" Teeth on your next case.

"Ponto" Furnace and "Ponto" Glaze are two new products recently placed on the market to simplify the technic of Pontic Bridgework.

"PONTOPIN" Teeth are made in
Twenty-four Upper Anterior Moulds
Nine Lower Anterior Moulds.
Twelve Bicuspid Moulds.
Seven Molar Moulds



IDEAL
"PONTO" FURNACE
Price \$16.50

We also Manufacture
IDEAL TRUE FORM
VULCANITE TEETH
IDEAL TRUE FORM
INTERCHANGEABLE
IDEAL TRUE FORM
PIN FACINGS
IDEAL ONE-PIECE
BACKINGS



IDEAL
"PONTO" GLAZE
Price \$1.50

IDEAL TOOTH INC.

Cambridge, Mass., U. S. A.

Have your laboratory use "PONTOPIN" on the next case. Literature upon request

FIRE!

FIRE—servant of man for ages—worshipped as a deity—produced laboriously until very recent times.

With the marching years, fire—combustion—has reluctantly yielded up some of its secrets.

Certain of this knowledge has been applied to the uses of dentistry—to the betterment of dental devices relied upon for the production of heat or flame.

TORIT is known as “headquarters for dental heat” because, concentrating on this one single thing, we have succeeded in refining dental heat and flame devices, bringing man’s ancient servant, Fire, to a condition of even greater servility.



ST. PAUL WELDING & MFG. CO.,
Dental Division, 179 West Third St.,
St. Paul, Minn.

Please send details about Torit devices. I use (city gas) (Prest-O-Lite).

Dr. _____
Address _____
Dealer _____

OH-12



NOT "Just Cards in in a case"

Maybe you've encountered dental bookkeeping card-systems, inadequate, unsatisfactory. Maybe you've been thinking of the Chandler System as "just cards in a case."

Interested in complete records, easily kept—**FIND OUT** what the Chandler System *really is!*

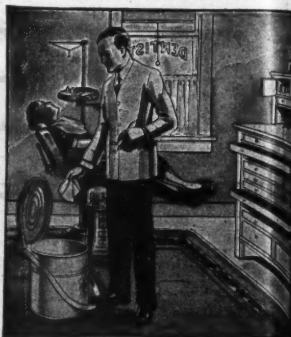
Chandler Dental Accounting System,
200 5th Ave., New York.

Please send data.

Dr. _____

Address _____

Dealer _____



Equip your office with a Justrite Sanitary Waste Pail. Used by thousands of dentists as standard office equipment. Opens with the foot. Closes automatically.

Booklet on Request.

Order from your dealer.

JUSTRITE MANUFACTURING CO.
2077 Southport Avenue, Chicago, Ill.

BUSCH



A. PFINGST

309
BIBLE HOUSE
NEW YORK
SOLE
DISTRIBUTOR

Economy in Bur buying
means getting the best qual-
ity at a fair price.

ASK FOR BUSCH BURS
Send 50c for a sample dozen

Sold by Dental Dealers Everywhere



Send for free trial of **PUSTOLENE** and find out why we're selling more of it than ever, for abscessed teeth.
J. A. SPRAGUE & CO., Columbus, Ohio

Dr. _____

Address _____

Dealer _____

CALOX

The
OXYGEN
TOOTH POWDER

How Dentists Are Improving Their Service By Using Only Individually Made Dentures

By far the most pronounced advance in the service which dentists are rendering their patients is the constant improvement in the artificial replacements they use. Dentists today know the advantages of having dentures made individually—and under their own supervision.

Individually made—the work of one trained Dental Mechanic from start to finish! No more “factory methods” to mar the results hoped for when you carefully took such accurate impressions! No more bunglesome work from men not properly qualified! No more delay! You have each case just when it is wanted. Best of all, you know that it will exactly meet the individual needs of the patient for the set of the lips, contour of the face, etc., have all been given proper consideration.

Literature regarding details of having your prosthetic work done under your own personal supervision and the cost (based on actual experience) as compared to sending it to a laboratory can be secured from the Bodee Dental Institute. Requests should be sent to the New York office, 1755 Broadway.

The training of competent Dental Mechanics has been the sole purpose of the Institute ever since it was established in 1892—over 34 years ago.

BODEE DENTAL INSTITUTE

New York — Philadelphia — Buffalo — Brooklyn

EVERY CLOUD A SILVER LINING EVERY PLATE A ROSCINIAN LINING

THE Roscinian Linings are Metallic Linings of 24K gold or aluminum to be used on all new rubber dentures, counteracting the deleterious effects of the vegetable product caoutchouc, on the palatal tissues contacting with a denture in the oral cavity; especially valuable in preventing heated, spongy gums; producing and sustaining a strictly *oral hygiene*.

The Roscinian Gold Lining.....\$5.00

The Roscinian Aluminum Lining.....2.00

{ Sufficient for One
Upper Denture
Sufficient for Four
Upper Dentures

Q Buy from your dealer or remit direct. Samples, literature and directions awaiting your request. Directions simple.

ROSCINIAN COMPANY

Manufacturers of Metallic Linings

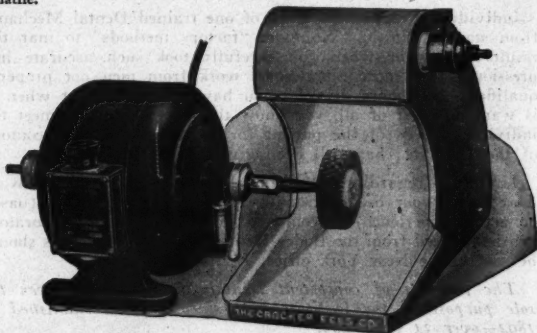
8003 Woodland Ave., S. E.

Cleveland, Ohio, U. S. A.



IDEAL EMORY CLOTH ARBOR

Finish your vulcanite plates with this wonderful substitute for files and scrapers. Made to fit any lathe.



Have more light on your work at the lathe. See our new illuminated Splash Pan for your laboratory.

Sold by your Dealer

Manufactured by THE CROCKER FELS CO., Cincinnati, Ohio

LAMBERT PHARMACAL COMPANY

ST. LOUIS, U. S. A.

Makers of

LISTERINE

LISTERINE TOOTH PASTE

LISTERINE THROAT TABLETS

[Offices in NEW YORK, TORONTO, LONDON,
MELBOURNE, PARIS, MADRID and MEXICO
CITY. Laboratories in TORONTO, PARIS,
MADRID and MEXICO CITY.]

"Of course, I'm using it!"

An echo from the Recent Dental Congress

TWO phrases rang out loud and clear from the lips of the dentists who dropped around to the "Allonal Booth" at the Seventh International Dental Congress some weeks ago. We talked to over 2,000 dentists and the expression voiced by the great majority in reply to our query was an emphatic, "Of course, I'm using it." The other phrase was a question put to us, less frequently perhaps, but with quite as much emphasis: "Say, what is this Allonal everybody is talking about?"

It is not strange that Allonal has been so favorably received by both the dental and medical professions and is perhaps more widely employed than any other drug of its kind. For, as actual experience with it will prove, Allonal acts better than any other non-narcotic drug of its kind.

From our conversations we would say quite as many dentists are using Allonal before operation for its sedative effect as are using it after operation for control of pain. The majority use it both ways and are fully aware also of its usefulness as a hypnotic for those who are troubled with insomnia or who cannot sleep because of pain.

We have had a special complimentary package made up containing a supply of Allonal for your office and a vial of 40 tablets of our new laxative, Isacen, which attracted so much interest at the Congress. Send for it, enclosing one of your professional cards or letterheads.



The Hoffmann-LaRoche Chemical Works

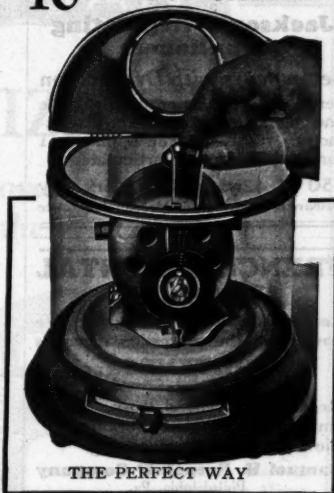
Makers of Medicines of Rare Quality

19 Cliff Street

New York City



\$10 A MONTH QUICKLY
PAYS FOR IT



Which Of These Three Ways Is Right?

Obviously, for speed, thoroughness of mix and cleanliness, the Electric Amalgamator is best. Also it creates a better impression on patients. Soon pays for itself: Saves you a minute on every mix. Produces better fillings and harder models. You use less mercury and alloy. Beware of toy-like imitations—they are NOT able to effect a true mix. Our process patents are clear and valid. Prices \$15 to \$60. Easy payments if desired.

VAX-AMALGAM

Leakage in 60% of all silver fillings is caused by the coarse texture of silver alloys. Overcome this by heating and shaking in capsule a bit of Vax-Amalgam, burnish same into bottom of cavity and pack silver over it. Practically vaccinates against progressive decay. Send for literature and free samples.

For deciduous teeth Vax-Amalgam mixed fifty-fifty with any silver alloy is simply indispensable. No extensive excavating necessary. Pack under moisture. Why try cements and fail?



FLOSSY PICK POCKET

Cleans the thirty pockets between the teeth that no tooth brush can reach. Easier and quicker to use than hand floss and more sanitary. Prices 25c to \$2.50.

Write for catalog

Flossy Dental
Manufacturing Co.
1612 Flossy Block
Evanston, Illinois

Chester T. Sweet Jackson's Regulating Appliances

Seven years with Dr. Jackson
Send accurate plaster models to me
and be assured of perfectly satis-
factory results of the appliance I
furnish. Write for particulars.

150 W. 42nd St., New York City
Beware of imitations of Jackson Appliance

FRENCH'S DENTAL PLASTER

Leads in quality and economy. We
have what the profession demands

WHITENESS

Note

Regular: for general work.
Impression: for quick working.
Slow Setting: for vulcanizing.
Samuel H. French & Company
Philadelphia, Pa.

EST. 1844

INC. 1920

Send your card and
20c for sample of

DR. CARD'S Improved Toothbrush

Discover for yourself the
reasons why many dental
colleges and dentists have
adopted DR. CARD'S.
You'll have to see the
brush itself!

C. L. CARD, D.D.S.,
Medical Arts Bldg.,
Philadelphia, Pa.
Don't forget DR. CARD'S
Improved Toothache Pads.
Active on gum only.



PYORRHEA INSTRUMENTATION

Your careful instrumentation and medication at
the chair may be entirely unaffactive unless your
Pyorrhea and Trench Mouth patients use at
home, a meritorious dentifrice and mouth wash.
Bafaline Dental Powder and Bafaline Lotion
are scientifically compounded with drugs known
to you for their specific therapeutic value.
Thousands of dentists all over the country are
using and prescribing Bafaline because **THEY
GET RESULTS**, and at the same time, Bafaline
preparations are delicately flavored to tickle the
palate of the most discriminating.

For results use and prescribe Bafaline

Your druggist carries them for your patients, we
gladly mail them to you gratis on request. Send
your card or letter-head now to

The Bafaline Laboratories, Inc.
MANUFACTURING CHEMISTS
Manchester, N. H.



*"The Formula on the
Label protects you."*

**Bafaline Concentrated
Liquid**

(for chair use only)
For Pyorrhea, Vincent's
Angina (trench mouth),
Hypertrophy and bleeding
gums, etc., has brought
and is bringing gratifying
results. Order through your
dental depot.

METSAN

STERILIZATION

*Without Removal of or Injury
to any of the Washers*

Keeping a Metsan sterile all the time is no trouble at all. You just remove the piston and place the syringe and piston in your solution for sterilization. You can boil your Metsan for hours for sterilization without removal of or injury to any of the washers.



Boilable is one of the two exclusive Metsan features. The other is that the Metsan is leak-proof, not only the first time, but every time it serves you in use. For dependable service plus true economy in syringe use, choose the Metsan and you will be satisfied at all times with syringe performance.

**Boiling Improves
the Washers**

**The Metsan
Improves with use**

The Coupon will bring you a METSAN—
—the METSAN will stand the test

Metsan Dental Mfg. Co.,
178 East 85th Street, New York City.

Send me a METSAN ☐ Style A (\$3.75) or a Style B, ☐
(with Removable Adapter, \$4.75 All-Metal Syringe Outfit, and
charge through:

Supply Company

(Give Address if Branch)

D. D. S.

Address _____

Enclose Card or Letterhead

OH-12-26

W

The Wappler X-Ray Unit

in your office enables you to show your patients the progress of your work, thereby sustaining their interest and tending towards greater satisfaction.



The above picture illustrates the interest of the patient in being able to visualize her dental conditions.

The X-Ray Unit with the arm folded up occupies a minimum of space when not in actual use.

An X-Ray Unit is an essential part of dental office equipment.

Send today for Bulletin No. 92-1

WAPPLER ELECTRIC COMPANY, INC.

General Offices and Factory,
LONG ISLAND CITY, N. Y., U. S. A.

Show Rooms,
173 EAST 87th ST., NEW YORK CITY

Have you tried CAMPHO-PHENIQUE

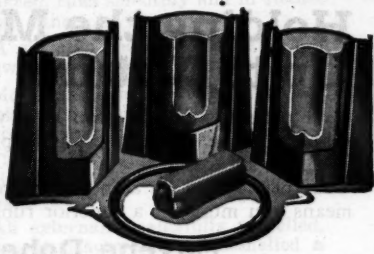
(Non-Irritant Antiseptic)

For control of post-extraction pain. If not, let us send you a trial bottle for thorough test at the chair.



Just send your card or a postal to the CAMPHO-PHENIQUE CO., 500 North Second St., St. Louis, Mo., for the free bottle.

The NEWLAND Seamless Crown Unit



The FLASK may be assembled in a jiffy or separated in a second by the insertion of a knife blade and a turn of the wrist. It can be used over and over, hundreds of times.

By slipping out the sides, which slide in grooves, the plaster is easily removed, the parts reassembled and the FLASK is ready for use again. Price, 35 cents each, \$3.00 per dozen.

Our SEPARATING OIL, owing to its excellent properties, allows more accuracy and detail in the finished product. 50c a bottle.

Our DIE METAL is far superior to any other. It makes a harder die to swedge on. It is free from any injurious base metals (which often cause the gold to crack) and it copies the original model sharply. 50c a nugget.

for
Glove-fit
Crowns

NEWLAND DENTAL Co., 627 Chapel St.,
New Haven, Conn.: Please send details.

Dr. _____
Address _____
Dealer _____



Archer
Dental Hygiene Chair No. 2

Send for circular on our line of
 Dental Hygiene Chairs

ARCHER MFG. CO.

ROCHESTER, N. Y.

Holding the Mirror Up to Nature

Your patient would as soon have you use bright green rubber for the gum shade on his plate as to use a pink that was off color.

Your plates must be as near Nature as possible—which means you must use a superior rubber.

Eugene Doherty's New Improved Pink Rubbers

in light, medium light and deep shades, fully answer every possible requirement in the making of gum shades for plates. Not only do they make the most natural plates, but they are tough and durable to a remarkable degree.

Eugene Doherty Rubber Works, Inc.
 110-112 Kent Avenue, Brooklyn, N. Y., U. S. A.
 Address all correspondence to Dept. B.

Utility



**Great Value for
\$100**

F.O.B. Racine, Wis.

Many eminent dentists install the \$100 Dumore Engine for its downright utility. It is so easily portable, so serviceable to use in a patient's home or at a hospital, so valuable in emergencies of office practice. A beginner can use a Dumore in his office until his practice demands a larger engine.

Examine this \$100 engine at your supply house, or write us direct for details about it.

The $\frac{1}{4}$ h.p. motor, dynamically balanced, runs smoothly and in silence on either A. C. or D. C.

A six step rheostat and reversing switch are regular equipment.

Motor and arm swivel-mounted for utmost flexibility and ease of control in any position.

Comes fully equipped with Doriot Hand-Piece and S. S. White All-Cord Arm.

All externals beautifully nickelled, except base which is enamelled a rich permanent black.

DUMORE

Dental Engine

WISCONSIN ELECTRIC CO.

32 Sixteenth St.

Racine, Wis.



Champion- Cutter Dental Floss

*The Standard-Dental
Ligature Since 1870*

T. J. — 150 yd. Round
Floss, \$1.25

Other put-ups
10 to 300 yds.

FREE

To acquaint you with this Superior Dental Ligature, we will forward free sample bottle. Simply fill in the coupon at the bottom of the page.

CHAMPION — contains more actual silk by weight than any other brand.

Gudebrod Bros. Silk Company
600 Chestnut Street Philadelphia, Penna.
Established 1870 as Cutter Silk Mfg. Co.
Offices in Principal Cities

Send it Today!

Please send free sample bottle of Champion as offered.

Dr. _____

Address _____

Dealer _____

l
SS

ga-
ly

by

aa.

M

o M

AP

of t
meet
mod

1—

2—

3—

4—

5—

6—

7—

8—

9—

We
of Pe
will f

PET

ing, U. S. &

The New-

En

D

Made Today

to Meet the Requirements of Today

May we send you a tube to try?

APPROVED by leading authorities of the world, based on the dominant clinical findings of the day, and ever abreast of the latest scientific developments in the field, Pepsodent meets in nine important ways the most rigid exactments of modern practice:

- 1—*Teeth Whiter*: For it removes the dingy film successfully.
- 2—*Polishing Agent*: Softer than enamel and remarkably efficient in giving high polish and luster.
- 3—*Salivary Flow*: Markedly increased by the mild acidity, hence better tooth protection.
- 4—*Mildly Acid*: Scores of tests show it harmless to enamel.
- 5—*High Polish*: Gives wonderful luster and polish, so plaques less readily adhere.
- 6—*Firms the Gums*: And in addition, gives them a fine tonal quality.
- 7—*Mucin Plaques*: Curdles and disintegrates them at all stages of their formation.
- 8—*Ptyalin Index*: Decidedly increased, to combat starch deposits better.
- 9—*Alkaline Index*: Decidedly increased, thus better combating causes of tooth decay.

We'll appreciate your sending the coupon. It will bring a tube of Pepsodent to try . . . and information regarding it that you will find of unusual interest.

THE PEPSODENT COMPANY
6923 Ludington Building,
Chicago, Illinois

Pepsodent
REG. U. S. PAT. OFF.
The New-Day Quality Dentifrice

Endorsed by World's
Dental Authorities

Please send me, free of charge, one regular 50c size tube of Pepsodent, with literature and formula.

Name.....

Address.....

Enclose card or letterhead 2089

Besides—

being a convenient Vulcanizer, the Lewis Crossbar is SAFE.

Each machine is tested hydrostatically to a point far beyond its actual working pressure.

Steam tests further prove its reliability.

Each safety valve is carefully gauged and tested, and the single disk method of operation gives positive protection.

A new Lewis Crossbar Vulcanizer is an investment in safety.

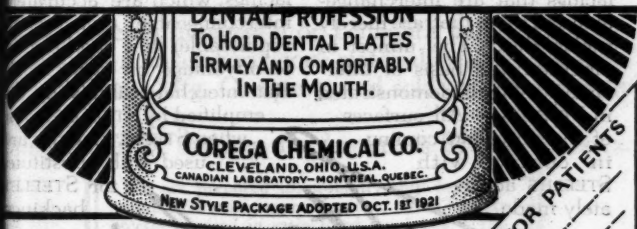


Buffalo
Dental Manufacturing Company
Kehr and Urban Streets
Buffalo, N. Y.

THE PERFECT POWDER FOR DENTURES



While a patient is learning to master a new set of teeth, a small can of *Wilson's Corega* is worth its weight in gold.

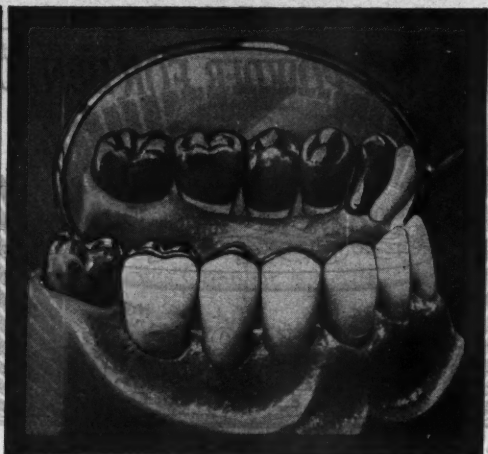


TEAR OFF COUPON
AND MAIL IT

Now

For Generous Supply
of Trial Cans Gratis

PLEASE SEND TRIAL CANS FOR PATIENTS
DR. _____
COREGA CHEMICAL CO.
CLEVELAND
OHIO, U.S.A.
MONTREAL
CANADA



SUPERIOR FOR :: EVERY :: CASE

EVERY one recognizes the advantages of cemented facings. But there is a vast difference between cemented facings that are interchangeable and those that are merely replaceable. The utmost in precision, the basis of interchangeability is demonstrated in STEELE'S. All surfaces of the porcelain coming in contact with STEELE'S accurately made

backings are ground to those precise standards necessary to accurate interchangeability. Since STEELE'S are cemented facings, which are accurately interchangeable (not merely replaceable) they can be used to advantage on every case. But interchangeability as exemplified by STEELE'S is lost when STEELE'S facings are used with substitutes for STEELE'S backings.

Steele's
INTERCHANGEABLE
TEETH

THE COLUMBUS DENTAL MFG CO · COLUMBUS OHIO

LENNITE

DENTURES.

Another
Berry
Betterment



BERRY-made Lennite dentures are superior in many ways—

They are light in weight.
May be sterilized in boiling water.
Have no taste or odor.
Have high thermal conductivity.
Do not irritate the tissues.
Inert to chemicals and mouth secretions.
Can be repaired.

We require an impression or Lennolith model, and bite. Lennolith is an artificial stone material made by the Ohio Chemical and Mfg. Company, and sold by dental supply houses).

Our charge for making the denture is \$10, teeth extra.

[[We are prepared to promptly ship beautiful sample Lennite upper denture, with Trubyte teeth, encased in satin lined jewel box. The complete outfit for \$10.]]

Send for general laboratory literature, on your professional stationery.

EQUITABLE
BUILDING

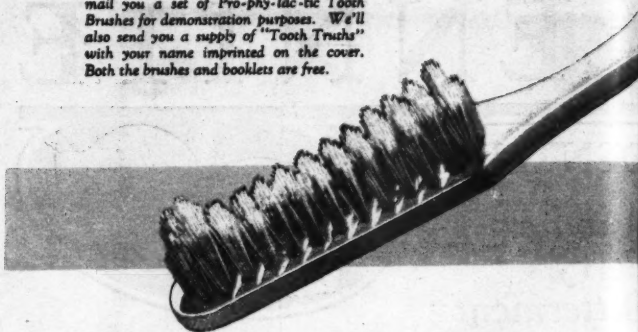
The BERRY

Dental Laboratory Co.

ST. LOUIS
MISSOURI

FREE Demonstration Brushes.

Send us your professional card and we'll mail you a set of Pro-phy-lac-tic Tooth Brushes for demonstration purposes. We'll also send you a supply of "Tooth Truths" with your name imprinted on the cover. Both the brushes and booklets are free.



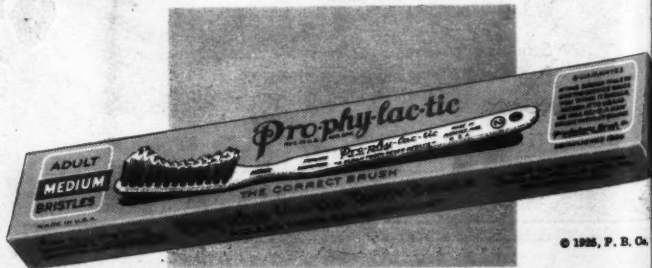
No tooth surface escapes *this* brush

DENTAL mucin which invites the deposition of salivary deposits on the teeth, is easily removed by the daily use of a Pro-phy-lac-tic Tooth Brush.

The curved and serrated bristles of a Pro-phy-lac-tic clean the buccal, lingual and labial surfaces of four to five teeth at a time. These bristles even penetrate into the interdental spaces where the teeth

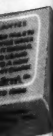
are most subject to caries.

Pro - phy - lac - tic Tooth Brushes come in the following sizes: the Baby size, for cleaning soft deciduous teeth; the Small size, for those who prefer a small brush; the regular Adult size; and the Adult size which we call the De Luxe, made with four instead of three rows of bristles. May we send you samples? Pro-phy-lac-tic Brush Company, Florence, Mass.



ush

ries.
both
wing
ning
mall
mall
size;
call
r in-
tles.
les?
om-



P. B. Co.